Quarter 1						
Unit	Standard Item Range	Depth of Knowledge	Standards	I Can	Item Specs	Math Framework
				*I can classify rational and irrational numbers.		
				"I can show that every number has a decimal equivalent.		
				*I can show that the decimal equivalent eventually repeats for rational numbers.		
Review of 7th grade skills/concepts	Medium	3	8.NS.1 Give examples of rational and irrational numbers and explain the difference between them. Understand that every number has a decimal expansion; for rational numbers, show that the decimal expansion terminates or repeats, and convert a decimal expansion that repeats into a rational number.	1 can change every repeating decimal into a rational number.	8.NS.1	8.NS.1
				*I can estimate irrational numbers with rational approximations.		
Ch 1: variables, expressions, ordering numbers, order of operations				"I can use estimate values to compare two or more irrational numbers.		
				*I can plot irrational numbers on a number line using rational approximations.		
				*I can estimate the value of expressions that use irrational numbers.		
			8.NS.2 Use rational approximations of irrational numbers to compare the size of irrational numbers, plot them approximately on a number line, and estimate the value of			
	High	2	expressions involving irrational numbers.	"I can estimate the square root of non-perfect squares. "I can apply the product of powers property to simplify expressions with integer exponents.	8.NS.2	8.NS.2
				*I can apply the power of a product property to simplify expressions with integer exponents.		
				"I can apply the power to a power rule to simplify expressions with integer exponents.		
				*I can apply the quotient of powers to simplify expressions with integer exponents.		
				*I can apply the negative exponent rule to simplify expressions with integer exponents.		
				*I can apply the zero-exponent rule to simplify expressions with integer exponents.		
				I can use the properties of integer exponents to simplify expressions.		
Ch 2: Two-step equations, multi-step equations using				*I can identify equivalent expressions.		
multi-step equations using distributive property	Medium	3	8.NS.3 Given a numeric expression with common rational number bases and integer exponents, apply the properties of exponents to generate equivalent expressions.	*I can generate equivalent expressions using the properties of exponents.	8.NS.3	8.NS.3
	High	3	8.C.1 Solve real-world problems with rational numbers by using multiple operations.	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers.	8.C.1	8.C.1
				*I can solve linear equations and inequalities with one variable.		
			8.AF.1 Solve linear equations with rational number coefficients fluently, including equations whose solutions require expanding expressions using the distributive property	"I can solve a linear equation and inequalities by using the distributive property and combining like terms.		
	High	2	and collecting like terms. Represent real-world problems using linear equations and inequalities in one variable and solve such problems.	*I can write and solve equations and inequalities in one variable to represent real-world problems.	8.AF.1	8.AF.1
Linit	Quarter 2	Depth of Knowledge	Standarda	I Can	Hor C	
Unit	Standard Item Range	Depth of Knowledge	Standards	I Can I can apply the product of powers property to simplify expressions with integer exponents.	Item Specs	
				1 can apply the product of powers property to simplify expressions with integer exponents. 1 can apply the power of a product property to simplify expressions with integer exponents.		
				*I can apply the power to a power rule to simplify expressions with integer exponents.		
				*I can apply the quotient of powers to simplify expressions with integer exponents.		
				*I can apply the negative exponent rule to simplify expressions with integer exponents.		
				*I can apply the zero-exponent rule to simplify expressions with integer exponents.		
				*I can use the properties of integer exponents to simplify expressions.		
				*I can identify equivalent expressions.		
Ch 3 Multi-step equations	Medium		8.NS.3 Given a numeric expression with common rational number bases and integer exponents, apply the properties of exponents to generate equivalent expressions.			
		3	8.NS.3 Given a numeric expression with common rational number bases and integer exponents, apply the properties of exponents to generate equivalent expressions.	"I can generate equivalent expressions using the properties of exponents.	8.NS.3	8.NS.3
Ch 4 Rules of		3	6.19.3 Given a numeric expression with common rational number bases and integer exponents, apply the properties or exponents to generate equivalent expressions.	1 can generate equivalent expressions using the properties of exponents.	8.NS.3	8.NS.3
Ch 4 Rules of exponents/scientific notation	High	3	a.C.1. Solve real-world problems with national numbers by using multiple operations.	1 can generate equivalent expressions using the properties of exponents. 1 can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers.	8.NS.3 8.C.1	8NS.3 8.C.1
Ch 4 Rules of exponents/scientific	High	3				
Ch 4 Rules of exponents/scientific	High	3		"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers.		
Ch 4 Rules of exponents/scientific	High	3		1 can solve real-word problems by adding, subtracting, multiplying, and dividing rational numbers. 1 can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. 1 can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten.		
Ch 4 Rules of exponents/scientific	High	3		T can solve real-word problems by adding, subtracting, multiplying, and dividing rational numbers. T can write an estimation of a large quantily by expressing it as the product of a single-digit number and a positive power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can compare quantities written in scientific notation.		
Ch 4 Rules of exponents/scientific notation Ch 5 Solving and	High		8.C.1 Solve real-world problems with rational numbers by using multiple operations. 8.C.2 Solve real-world and other mathematical problems involving numbers expressed in scientific notation, including problems where both decimal and scientific notation.	1 can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. 1 can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. 1 can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. 1 can compare quantities written in scientific notation. 1 can compute with two numbers expressed in scientific notation.	8.C.1	8C1
Ch 4 Rules of exponents/scientific	High	3	BC I Solve real-world problems with rational numbers by using multiple operations.	T can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. T can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can write the compare quantities written in scientific notation. T can interpret scientific notation that has been generated by technology.		
Ch 4 Rules of exponents/scientific notation Ch 5 Solving and	High Low		8.C.1 Solve real-world problems with rational numbers by using multiple operations. 8.C.2 Solve real-world and other mathematical problems involving numbers expressed in scientific notation, including problems where both decimal and scientific notation.	T can solve real-word problems by adding, subtracting, multiplying, and dividing rational numbers. T can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can compare quantities written in scientific notation. T can compute with two numbers expressed in scientific notation. T can interpret scientific notation that has been generated by technology. T can solve linear equations and inequalities with one variable.	8.C.1	<u>8C1</u>
Ch 4 Rules of exponents is cleritific notation Ch 5 Solving and	High Low		IC.1 Solve real-world problems with rational numbers by using multiple expensions. IC.2 Solve real-world and other mathematical problems involving numbers expressed in scientific notation, including problems where both decimal and scientific notation are used. Interpret scientific notation that has been generated by technology, such as a scientific calculator, graphing calculator, or exert spreadured.	T can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. T can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can write the compare quantities written in scientific notation. T can interpret scientific notation that has been generated by technology.	8.C.1	<u>8C1</u>
Ch 4 Rules of exponents/scientific notation Ch 5 Solving and	High Low High		8.C.1 Solve real-world problems with rational numbers by using multiple operations. 8.C.2 Solve real-world and other mathematical problems involving numbers expressed in scientific notation, including problems where both decimal and scientific notation.	T can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. T can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can compare quantities written in scientific notation. T can compare quantities written in scientific notation. T can interpret scientific notation that has been generated by technology. T can solve linear equations and inequalities with one variable. T can write and solve equations and inequalities by using the distributive property and combining like terms.	8.C.1	<u>8C1</u>
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Ch 4 Rules of exponents/scientific notation Ch 5 Solving and	High Low High		IC.1 Solve real-world problems with rational numbers by using multiple expensions. IC.2 Solve real-world and other mathematical problems involving numbers expressed in scientific notation, including problems where both decimal and scientific notation are used. Interpret scientific notation that has been generated by technology, such as a scientific calculator, graphing calculator, or exert spreadured.	T can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. T can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can compare quantities written in scientific notation. T can compare quantities written in scientific notation. T can interpret scientific notation that has been generated by technology. T can solve linear equations and inequalities with one variable. T can write and solve equations and inequalities by using the distributive property and combining like terms.	8C1	8C1
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Ch 4 Nuts of exponentiscentific rotation Ch 5 Solving and graphing trequalities	High High Quarter 3	2 2 2	BC.1 Solve real-world problems with rational numbers by using multiple expensions. BC.2 Solve real-world and other mathematical problems involving numbers expressed in scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by inchnology, such as a scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by inchnology, such as a scientific including applied scladible, or partial problems. BLA1 Solve linear equations with rational number coefficients fluently, including equations whose solutions require expanding expressions using the distributive property and collecting file terms. Represent real-world problems using their expensions and regulations into world their and other such problems. BLA1 Solve examples of linear equations in one variable with one solution, inforesty many solutions, or no solutions. Show which of these possibilities is the case by transforming a given equation into simpler forms, until an equivalent equation of the form x = x, x = x, to x = the results (where x and b are different numbers).	T can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. T can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can compare quantities written in scientific notation. T can compare with the numbers expressed in scientific notation. T can interpret scientific notation that has been generated by technology. T can solve linear equations and nequalities with one variable. T can solve linear equation and nequalities by using the distributive property and combring like terms. T can write and solve equations and inequalities in one variable to represent real-world problems. T can simplify a linear equation to determine whether it has one solution, no solutions, or infinitely many solutions.	8.C.2 8.C.2 8.AF-1 8.AF-2	8C1 8C2 8AE1
Ch 4 Ruse of exponents/scentific rotation Ch 5 Solving and graphing inequalities	High High Quarter 3		BC.1 Solve real-world problems with rational numbers by using multiple expensions. EC.2 Solve real-world and other mathematical problems involving numbers expressed in scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by inchnology, such as a scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by inchnology, such as a scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by inchnology, such as a scientific notation, including problems such granted by the scientific notation, including problems are used in the scientific notation. EA.2.1 Solve insure equations with rational number coefficients fluently, including equations whose solutions require expanding expressions using the distributive property and collecting flat terms. Represent real world problems using their requirems and requirems not required and values and other scientific notation.	T can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. T can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can compare quantities written in scientific notation. T can compare to the numbers expressed in scientific notation. T can interpret scientific notation that has been generated by technology. T can solve linear equations and inequalities by union evariable. T can write and solve equations and inequalities by union give distributive property and combining like terms. T can write and solve equations and inequalities in one variable to represent real-world problems. T can simplify a linear equation and objective with one solution, no solutions, or infinitely many solutions.	8.C.2 8.C.2	8C1 8C2 8AE1
Ch 4 Rules of exponents/scentific rotation Totation Ch 5 Solving and graphing recqualities	High High Quarter 3	2 2 2	BC.1 Solve real-world problems with rational numbers by using multiple expensions. BC.2 Solve real-world and other mathematical problems involving numbers expressed in scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by inchnology, such as a scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by inchnology, such as a scientific including applied scladible, or partial problems. BLA1 Solve linear equations with rational number coefficients fluently, including equations whose solutions require expanding expressions using the distributive property and collecting file terms. Represent real-world problems using their expensions and regulations into world their and other such problems. BLA1 Solve examples of linear equations in one variable with one solution, inforesty many solutions, or no solutions. Show which of these possibilities is the case by transforming a given equation into simpler forms, until an equivalent equation of the form x = x, x = x, to x = the results (where x and b are different numbers).	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compare quantities written in scientific notation. "I can interpret scientific notation that has been generated by technology. "I can solve linear equations and inequalities with one variabilities without one v	8.C.2 8.C.2 8.AF-1 8.AF-2	8C1 8C2 8AE1
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Ch 4 Rules geographics of exponents seemed properties of exponents of	High High Quarter 3	2 2 2	8.C.1 Solve real-world problems with rational numbers by using multiple operations. 8.C.2 Solve real-world and other multiensatical problems implying numbers operand in scientific sectation, including problems where both decimal and scientific notation are used. Interpret scientific notation that has been generated by rechnology, such as a scientific calculator, graphing calculator, or exect prevailness. 8.A.2 Solve linear equations with national number coefficients fluently, including equations where solutions require expanding expressions using the distribution property and collecting like terms. Represent seal world problems using linear equations and nequalities in one variable and solvies using problems. 8.A.2 Give examples of linear equations in one variable with one solution, infinish years yet of the problems. Show which of these possibilities in the case by runniforming 2 (year equation risks Simpler forms, until as equivalent equation of the form x = x, x = x, y = x, y = x + x + x = x = 0.0 and the problems are other analysis. Standards	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compare quantities written in scientific notation. "I can interpret scientific notation that has been generated by technology. "I can solve linear equations and inequalities with one variabilities without one v	8.C.2 8.C.2 8.AF-1 8.AF-2	8C1 8C2 8AE1
Ch 4 Pues of exponents/scentific notation Ch 5 Solving and graphing inequalities Unit Ch .6 Functions and	High High Quarter 3	2 2 2	8.C.1 Solve real-world problems with rational numbers by using multiple operations. 8.C.2 Solve real-world and other multiensatical problems implying numbers expressed in scientific statistics, including problems where both decimal and scientific notation are used. Interpret scientific notation that has been generated by inchnology, such as a scientific calculator, graphing calculator, or exect presentatives. 8.A.2 Solve linear equations with national number coefficients fluently, including equations whose solutions require expanding expressions using the distribution property and collecting the terms. Represent real-world problems using linear equations and inequalities in one variable and solvies such problems. 8.A.2 Give examples of linear equations in one variable with one solution, infinitely many solutions, or no solutions. Show which of these possibilities is the case by transforming a given equation into simpler forms, until as equivalent equation of the firms a v. e.g. v. e.g., or e.g. is received palmers a and b are different numbers). Scandards	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compute with the numbers expressed in scientific notation. "I can interpret scientific notation that has been generated by technology. "I can serve interpret scientific notation that has been generated by technology. "I can svere against an eliminative write over subtractive property and combining like terms. "I can write and solve equations and inequalities by using the distributive property and combining like terms. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can simply a linear equation be determine whether it has one solution, no solutions, or infinitely many solutions. I Can "I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I Can "I can define a function as a nule, where for each input there is exactly one output. "I can sentity the independent and dependent variables. "Given a graph or table, I can determine whether the relation is a function. "I can show the relationship between inputs and outputs of a function by graphing them as ordered pairs on a coordinate grid.	8.C.2 8.C.2 8.AF-1 8.AF-2	8C1 8C2 8AE1
Ch 4 Pues of exponents/scentific notation Ch 5 Solving and graphing inequalities Unit Ch .6 Functions and	High High Quarter 3 Standard Item Range	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world problems with rational number captures are selected in extension, including problems where both derimal and scientific notation are used interpret scientific notation that has been generated by technology, such as a scientific notation, problems, where both derimal and scientific notation are used interpret scientific notation that has been generated by technology, such as a scientific actualistic, graphing calculates, or excell preceding and actualistic or accel preceding expressions using the distributive property and collecting file terms. Represent real-world problems using their expectations and negatities in one variable and solve such problems. B.A.F.1 Solve examples of linear equations in one variable where equations are inequalities in one variable and solve such problems. B.A.F.2 Cole examples of linear equations in one variable exaction, inflicitly many publishing, or no obtaines. Show which of these possibilities is the case by transforming a given equation into simpler forms, until an equivalent equation of the form x = a, a = a, or a = b results (where a and b are different numbers). Standards B.A.F.2 Understand that a function assigns to each woulde (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of	T can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. T can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can compare quantities written in scientific notation. T can interpret scientific notation that has been generated by technology. T can solve linear equations and inequalities with one variable. T can write and solve equations and inequalities by using the districtivitie property and combining like terms. T can write and solve equations and inequalities in one variable to represent real-world problems. T can simplify a linear equation and inequalities in one variable to represent real-world problems. T can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can define a function as a rule, where for each input there is exactly one output. T can identify the independent and dependent variables. Tigiven a graph of table, I can determine whether the relation is a function.	8.C.1 8.C.2 8.AE.1 8.AE.2 Hern Specs	8C1 8C2 8AE1 8AE2
Ch 4 Pues of exponents/scentific notation Ch 5 Solving and graphing inequalities Unit Ch .6 Functions and	High High Quarter 3 Standard Item Range	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world problems with rational number captures are selected in extension, including problems where both derimal and scientific notation are used interpret scientific notation that has been generated by technology, such as a scientific notation, problems, where both derimal and scientific notation are used interpret scientific notation that has been generated by technology, such as a scientific actualistic, graphing calculates, or excell preceding and actualistic or accel preceding expressions using the distributive property and collecting file terms. Represent real-world problems using their expectations and negatities in one variable and solve such problems. B.A.F.1 Solve examples of linear equations in one variable where equations are inequalities in one variable and solve such problems. B.A.F.2 Cole examples of linear equations in one variable exaction, inflicitly many publishing, or no obtaines. Show which of these possibilities is the case by transforming a given equation into simpler forms, until an equivalent equation of the form x = a, a = a, or a = b results (where a and b are different numbers). Standards B.A.F.2 Understand that a function assigns to each woulde (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compute with the numbers expressed in scientific notation. "I can interpret scientific notation that has been generated by technology. "I can serve interpret scientific notation that has been generated by technology. "I can svere against an eliminative write over subtractive property and combining like terms. "I can write and solve equations and inequalities by using the distributive property and combining like terms. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can simply a linear equation be determine whether it has one solution, no solutions, or infinitely many solutions. I Can "I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I Can "I can define a function as a nule, where for each input there is exactly one output. "I can sentity the independent and dependent variables. "Given a graph or table, I can determine whether the relation is a function. "I can show the relationship between inputs and outputs of a function by graphing them as ordered pairs on a coordinate grid.	8.C.1 8.C.2 8.AE.1 8.AE.2 Hern Specs	8C1 8C2 8AE1 8AE2
Ch 4 Rules of exponents/scientific rotation Ch 5 Solving and graphing inequalities Unit Ch 6 Functions and	High High Quarter 3 Standard Item Range	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world problems with rational number captures are selected in extension, including problems where both derimal and scientific notation are used interpret scientific notation that has been generated by technology, such as a scientific notation, problems, where both derimal and scientific notation are used interpret scientific notation that has been generated by technology, such as a scientific actualistic, graphing calculates, or excell preceding and actualistic or accel preceding expressions using the distributive property and collecting file terms. Represent real-world problems using their expectations and negatities in one variable and solve such problems. B.A.F.1 Solve examples of linear equations in one variable where equations are inequalities in one variable and solve such problems. B.A.F.2 Cole examples of linear equations in one variable exaction, inflicitly many publishing, or no obtaines. Show which of these possibilities is the case by transforming a given equation into simpler forms, until an equivalent equation of the form x = a, a = a, or a = b results (where a and b are different numbers). Standards B.A.F.2 Understand that a function assigns to each woulde (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of	T can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. T can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can compare quantities written in scientific notation. T can compare quantities written in scientific notation. T can interpret scientific notation that has been generated by technology. T can solve linear equations and nequalities with one variable. T can write and solve equations and nequalities by using the districtivite property and combring like terms. T can write and solve equations and inequalities in one variable to represent real-world problems. T can signify a linear equation to determine whether it has one solution, no solutions, or infinitely many solutions. I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can clientify the independent and dependent variables. T can identify the independent and dependent variables. T can show the relationship between inputs and outputs of a function by graphing them as ordered pairs on a coordinate grid. T can identify where a graph is increasing or decreasing.	8.C.1 8.C.2 8.AE.1 8.AE.2 Hern Specs	8C1 8C2 8AE1 8AE2
Ch 4 Rules of exponents/scientific rotation Ch 5 Solving and graphing inequalities Unit Ch 6 Functions and	High High Quarter 3 Standard Item Range	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world problems with rational number captures are selected in extension, including problems where both derimal and scientific notation are used interpret scientific notation that has been generated by technology, such as a scientific notation, problems, where both derimal and scientific notation are used interpret scientific notation that has been generated by technology, such as a scientific actualistic, graphing calculates, or excell preceding and actualistic or accel preceding expressions using the distributive property and collecting file terms. Represent real-world problems using their expectations and negatities in one variable and solve such problems. B.A.F.1 Solve examples of linear equations in one variable where equations are inequalities in one variable and solve such problems. B.A.F.2 Cole examples of linear equations in one variable exaction, inflicitly many publishing, or no obtaines. Show which of these possibilities is the case by transforming a given equation into simpler forms, until an equivalent equation of the form x = a, a = a, or a = b results (where a and b are different numbers). Standards B.A.F.2 Understand that a function assigns to each woulde (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers." "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compare quantities written in scientific notation. "I can incompare quantities with the in scientific notation. "I can incompare quantities with the scientific notation. "I can incompare quantities with the variable with one variable to represent real-world problems. "I can write and solve equation and inequalities by using the distributive property and combining like terms. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can simple a large equation that has been generated by the control of problems. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can simple a large equation development where the science solution, no solutions, or infinitely many solutions. "I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. "I can define a function as a rule, where for each input there is exactly one output. "I can define a function as a rule, where for each input there is exactly one output. "I can define a function is a rule, where for each input there is exactly one output. "I can define a function is a rule, there for each input there is exactly one output. "I can show the relationship between inputs and outputs of a function by graphing them as ordered pairs on a coordinate grid. "I can inclusify a griph a slinear or confinear. "I can locate maximum and minimum values on a graph, when present.	8.C.1 8.C.2 8.AE.1 8.AE.2 Hern Specs	8C1 8C2 8AE1 8AE2
Ch 4 Rules of exponents/scentific rocision Ch 5 Solving and graphing inequalities Unit Ch, 6 Functions and Linear Equations Ch, 7 Solving systems	High High Quarter 3 Slandard Item Range Medium	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world and other mathematical problems involving numbers expressed in scientific notation, including problems where both derimal and scientific notation are used. Interpret scientific notation that that been generated by technology, such as a scientific actualistic, graphing calculation; or exect generated by an actual collecting file term. Represent real-world problems using bear equations whose solutions require expanding expressions using the distributive property and collecting file term. Represent real-world problems using bear equations and negalities in one variable and observation problems. B.A.F.1 Solve examples of linear equations in one variable events are also according to the distributive property and collecting file terms. Represent real-world problems using bear equations and negalities in one variable and observation problems. B.A.F.2 Cole examples of linear equations in one variable events one obstrains, infinitely many plutions, or no obstrains. Show which of these possibilities is the case by transforming a given equation into simpler forms, until an equivalent equation of the form x = a, a = a, or a = b results (where a and b are different numbers). Standards B.A.F.3 Understand that a function assigns to each x-value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of ordered pairs (xy).	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compare quantities written in scientific notation. "I can interpret scientific notation that has been generated by technology. "I can solve alienze equations and inequalities with one variable. "I can solve alienze equations and inequalities by using the districtive property and combring like ferms. "I can write and solve equations and inequalities with one variable. "I can solve alienze equation and inequalities with one solution, no solutions, or infinitely many solutions. "I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I Can "I can define a function as a rule, where for each input there is exactly one output. "I can identify the independent and dependent variables. "Given a graph or table, I can defermine whether the relation is a function. "I can identify the independent and dependent variables. "Given a graph or table, I can defermen whether the relation is a function. "I can identify where a graph is increasing or decreasing. "I can closter material and solve a graph, when present. "I can contain the graph of a function to a given situation.	8.G2 8.AF1 8.AF2 Item Specs	8C1 8C2 8AF1 8AF2 8AF3
Ch 4 Rules of exponents/scentific rocision Ch 5 Solving and graphing inequalities Unit Ch, 6 Functions and Linear Equations Ch, 7 Solving systems	High High Quarter 3 Standard Item Range	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world problems with rational number captures are selected in extension, including problems where both derimal and scientific notation are used interpret scientific notation that has been generated by technology, such as a scientific notation, problems, where both derimal and scientific notation are used interpret scientific notation that has been generated by technology, such as a scientific actualistic, graphing calculates, or excell preceding and actualistic or accel preceding expressions using the distributive property and collecting file terms. Represent real-world problems using their expectations and negatities in one variable and solve such problems. B.A.F.1 Solve examples of linear equations in one variable where equations are inequalities in one variable and solve such problems. B.A.F.2 Cole examples of linear equations in one variable exaction, inflicitly many publishing, or no obtaines. Show which of these possibilities is the case by transforming a given equation into simpler forms, until an equivalent equation of the form x = a, a = a, or a = b results (where a and b are different numbers). Standards B.A.F.2 Understand that a function assigns to each woulde (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of	T can selve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. T can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can compare quantifies written in scientific notation. T can compare quantifies written in scientific notation. T can interpret scientific notation that has been generated by technology. T can selve linear equations and inequalities by using the districtive property and combrining like terms. T can write and solve equations and inequalities by using the districtive property and combrining like terms. T can write and solve equations and inequalities in one variable to represent real-world problems. T can simplify a linear equation or determine whether it has one solution, no solutions, or infinitely many solutions. I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can clientify the independent and dependent variables. Can can identify the independent and dependent variables. Ticken a graph or table, I can determine whether the relation is a function. T can district where a graph is increasing or decreasing. T can cleasify a graph as linear or nonlinear. T can section a graph has linear or nonlinear. T can section and any that exhibits the qualitative features of a function that has been described verbally.	8.C.1 8.C.2 8.AE.1 8.AE.2 Hern Specs	8C1 8C2 8AE1 8AE2
Ch 4 Fues of exponents scentific rotation Ch 5 Solving and graphing inequalities Unit Ch 6 Functions and theer Equations Ch 7 Solving systems of equators	High High Quarter 3 Slandard Item Range Medium	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world and other mathematical problems involving numbers expressed in scientific notation, including problems where both derimal and scientific notation are used. Interpret scientific notation that that been generated by technology, such as a scientific actualistic, graphing calculation; or exect generated by an actual collecting file term. Represent real-world problems using bear equations whose solutions require expanding expressions using the distributive property and collecting file term. Represent real-world problems using bear equations and negalities in one variable and observation problems. B.A.F.1 Solve examples of linear equations in one variable events are also according to the distributive property and collecting file terms. Represent real-world problems using bear equations and negalities in one variable and observation problems. B.A.F.2 Cole examples of linear equations in one variable events one obstrains, infinitely many plutions, or no obstrains. Show which of these possibilities is the case by transforming a given equation into simpler forms, until an equivalent equation of the form x = a, a = a, or a = b results (where a and b are different numbers). Standards B.A.F.3 Understand that a function assigns to each x-value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of ordered pairs (xy).	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers." "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compute with the numbers expressed in scientific notation. "I can interpret scientific notation that has been generated by technology. "I can serve interpret scientific notation that has been generated by technology. "I can serve interpret scientific notation that has been generated by technology. "I can serve a linear equation and inequalities by using the distributive property and combrining like terms. "I can write and solve equations and inequalities of non evariable to represent real-world problems. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can simply a linear equation between time whether it has one solution, so infinitely many solutions. I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can define a function as a rule, where for each input there is exactly one output. "I can define a function as a rule, where for each input there is exactly one output. "I can define a function between therefore are relation is a function. "I can show the relationship between inputs and outputs of a function by graphing them as ordered pairs on a coordinate grid. "I can indentify a his increasing or decreasing. "I can charactery as a linear or nonlinear. "I can locate maximum and minimum values on a graph, when present. "I can seption that explains the equalitation is a function that has been described verbally. "I can explain that an equation in the form of y m x + to represent the graph of a linear relationship.	8.G2 8.AF1 8.AF2 Item Specs	8C1 8C2 8AF1 8AF2 8AF3
Ch 4 Rules of exponents/scentific notation Ch 5 Solving and graphing inequalities Unit Ch .6 Functions and Linear Equations Ch .7 Solving systems of equations Ch .8 Potheromean	High High Quarter 3 Slandard Item Range Medium	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world problems with rational numbers of the control of	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compare quantities written in scientific notation. "I can compare quantities written in scientific notation. "I can interpret scientific notation that has been generated by technology. "I can selve linear equations and inequalities with one variable. "I can selve alinear equations and inequalities by using the districtive property and combring like terms. "I can write and solve equations and inequalities with one variable to represent real-world problems. "I can signify a linear equation to determine whether it has one solution, no solutions, or infinitely many solutions. I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can identify the independent and dependent variables. "Civen a graph or table. I can determine whether it he relation is a function. "I can scientify the independent and dependent variables. "Civen a graph or table. I can determine whether the relation is a function. "I can scientify the independent and dependent variables. "Civen a graph or table. I can determine whether the relation is a function. "I can identify the independent and dependent variables. "Civen a graph or table. I can determine whether the relation is a function. "I can identify the independent and dependent variables. "Civen a graph or table. I can determine whether the relation is a function. "I can satch the graph of a function to a given situation on the defined as non-linear. "I can beather agraph that exhibits the qualitative features of a function that has been described wethally. "I can explain that an equation in the form of y = m x + b represents the graph of a linear	8.G2 8.AF1 8.AF2 Item Specs	8C1 8C2 8AF1 8AF2 8AF3
Ch 4 Rules of exponents/scientific rotation Ch 5 Solving and graphing inequalities Unit Ch 6 Functions and Linear Equations Ch 7 Solving systems of equations Ch 8 Puthanorean	High High Quarter 3 Slandard Item Range Medium	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world and other mathematical problems involving numbers expressed in scientific notation, including problems where both derimal and scientific notation are used. Interpret scientific notation that that been generated by technology, such as a scientific actualistic, graphing calculation; or exect generated by an actual collecting file term. Represent real-world problems using bear equations whose solutions require expanding expressions using the distributive property and collecting file term. Represent real-world problems using bear equations and negalities in one variable and observation problems. B.A.F.1 Solve examples of linear equations in one variable events are also according to the distributive property and collecting file terms. Represent real-world problems using bear equations and negalities in one variable and observation problems. B.A.F.2 Cole examples of linear equations in one variable events one obstrains, infinitely many plutions, or no obstrains. Show which of these possibilities is the case by transforming a given equation into simpler forms, until an equivalent equation of the form x = a, a = a, or a = b results (where a and b are different numbers). Standards B.A.F.3 Understand that a function assigns to each x-value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of ordered pairs (xy).	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers." "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compare quantities written in scientific notation. "I can compare quantities written in scientific notation. "I can interpret scientific notation that has been generated by technology. "I can serve interpret scientific notation that has been generated by technology. "I can solve a linear equation and inequalities by using the distributive property and combining like terms. "I can write and solve equations and inequalities by using the distributive property and combining like terms. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can spike a linear equation and inequalities in one variable to represent real-world problems. "I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can define a function as a rule, where for each input there is exactly one output. "I can identifie a function as a rule, where for each input there is exactly one output. "I can identifie a function as a rule, where for each input there is exactly one output. "I can identify the independent and dependent variables. "I can identify the independent and dependent variables. "I can identify a problem in the form of y in the present. "I can institute the problem is increasing or decreasing. "I can identify any part as linear or continuer. "I can institute any part as linear equation in the form of y in x + b represents the graph of a linear relationship. "I can explain that an equation in the form of y in x + b represents the graph of a linear relationsh	8.G2 8.AF1 8.AF2 Item Specs	8C1 8C2 8AF1 8AF2 8AF3
Ch 4 Rules of exponents/scientific rotation Ch 5 Solving and graphing inequalities Unit Ch 6 Functions and Linear Equations Ch 7 Solving systems of equations Ch 8 Puthanorean	High Migh Quarter 3 Slandard Item Range Medium	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world problems with rational numbers of the control of	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compare quantities written in scientific notation. "I can compare quantities written in scientific notation. "I can interpret scientific notation that has been generated by technology. "I can selve linear equations and inequalities with one variable. "I can selve alinear equations and inequalities by using the districtive property and combring like terms. "I can write and solve equations and inequalities with one variable to represent real-world problems. "I can signify a linear equation to determine whether it has one solution, no solutions, or infinitely many solutions. I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can identify the independent and dependent variables. "Civen a graph or table. I can determine whether it he relation is a function. "I can scientify the independent and dependent variables. "Civen a graph or table. I can determine whether the relation is a function. "I can scientify the independent and dependent variables. "Civen a graph or table. I can determine whether the relation is a function. "I can identify the independent and dependent variables. "Civen a graph or table. I can determine whether the relation is a function. "I can identify the independent and dependent variables. "Civen a graph or table. I can determine whether the relation is a function. "I can satch the graph of a function to a given situation on the defined as non-linear. "I can beather agraph that exhibits the qualitative features of a function that has been described wethally. "I can explain that an equation in the form of y = m x + b represents the graph of a linear	8.C1 8.C2 8.AF1 8.AF2 Item Specs 8.AF3	8C1 8C2 8AE1 8AE2 8AE3
Ch 4 Rules of exponents/scientific rotation Ch 5 Solving and graphing inequalities Unit Ch 6 Functions and Linear Equations Ch 7 Solving systems of equations Ch 8 Puthanorean	High Migh Quarter 3 Slandard Item Range Medium	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world problems with rational numbers of the control of	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers." "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compare quantities written in scientific notation. "I can compare quantities written in scientific notation. "I can interpret scientific notation that has been generated by technology. "I can serve interpret scientific notation that has been generated by technology. "I can solve a linear equation and inequalities by using the distributive property and combining like terms. "I can write and solve equations and inequalities by using the distributive property and combining like terms. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can spike a linear equation and inequalities in one variable to represent real-world problems. "I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can define a function as a rule, where for each input there is exactly one output. "I can identifie a function as a rule, where for each input there is exactly one output. "I can identifie a function as a rule, where for each input there is exactly one output. "I can identify the independent and dependent variables. "I can identify the independent and dependent variables. "I can identify a problem in the form of y in the present. "I can institute the problem is increasing or decreasing. "I can identify any part as linear or continuer. "I can institute any part as linear equation in the form of y in x + b represents the graph of a linear relationship. "I can explain that an equation in the form of y in x + b represents the graph of a linear relationsh	8.C1 8.C2 8.AF1 8.AF2 Item Specs 8.AF3	8C1 8C2 8AE1 8AE2 8AE3
Ch 4 Rules of exponents/scentific notation Ch 5 Solving and graphing inequalities Unit Ch .6 Functions and Linear Equations Ch .7 Solving systems of equations Ch .8 Potheromean	High Migh Quarter 3 Slandard Item Range Medium	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world problems with rational numbers of the control of	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compare quantities written in scientific notation. "I can compare quantities written in scientific notation. "I can interpret scientific notation that has been generated by technology. "I can solve lainer equations and inequalities with one variable. "I can solve lainer equations and inequalities by using the districtive property and combining like ferms. "I can write and solve equations and inequalities with one variable to represent real-world problems. "I can write and solve equations and inequalities whether it has one solution, no solutions, or infinitely many solutions. "I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I Can "I can define a function as a rule, where for each input there is exactly one output. I can identify the independent and dependent variables. "Civen a graph or table. I can defermine whether the relation is a function. "I can show the "Individual controling between injusts and outputs of a function by graphing them as ordered pairs on a coordinate grid. "I can identify where a graph is increasing or decreasing. "I can identify where a graph is increasing or decreasing. "I can identify where a graph is increasing or decreasing. "I can show the "Individual can equation in the form of y may be present. "I can watch the graph of a function to a given situation. "I can excellent make an an equation in the form of y = may be present. "I can excellent make an an equation in the form of y = may be present. "I can excellent that a equation in the form of y = may be present. "I can excellent that an equation in the form of y = may be present. "I can excel	8.C1 8.C2 8.AF1 8.AF2 Item Specs 8.AF3	8C1 8C2 8AE1 8AE2 8AE3
Ch 4 Rules of exponents/scientific rotation Ch 5 Solving and graphing inequalities Unit Ch 6 Functions and Linear Equations Ch 7 Solving systems of equations Ch 8 Puthanorean	High Migh Quarter 3 Slandard Item Range Medium	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world problems with rational numbers of the control of	T can sive real-word problems by adding, subtracting, multiplying, and dividing rational numbers. T can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can compare quantities written in scientific notation. T can compare quantities written in scientific notation. T can interpret scientific notation that has been generated by technology. T can solve linear equation or and inequalities by using the districtivite property and combring like terms. T can write and solve equations and inequalities in one variable. T can swrite and solve equations and inequalities in one variable to represent real-world problems. T can simplify a linear equation to determine whether it has one solution, no solutions, or infinitely many solutions. I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can define a function as a rule, where for each input there is exactly one output. T can identify the independent and dependent variables. To can show the relationship between inputs and outputs of a function by graphing them as ordered pairs on a coordinate grid. T can identify where a graph is increasing or decreasing. T can identify where a graph is increasing or decreasing. T can identify where a graph is a function or give max when present. T can locate maximum and minimum values on a graph, when present. T can sketch a graph that exhibits the qualitative features of a function that has been described verbally. T can exhibit an equation in the form of y = mx x b represents the graph of a function to given states that can be defined as non-linear. T can occurrent as linear equation given a verbal description.	8.C1 8.C2 8.AF1 8.AF2 Item Specs 8.AF3	8C1 8C2 8AE1 8AE2 8AE3
Ch 4 Rules of exponents/scientific rotation Ch 5 Solving and graphing inequalities Unit Ch 6 Functions and Linear Equations Ch 7 Solving systems of equations Ch 8 Puthanorean	High Migh Quarter 3 Slandard Item Range Medium	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world problems with rational numbers of the control of	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers." "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compare quantities written in scientific notation. "I can interpret scientific notation in the has been generated by technology. "I can serve interpret scientific notation that has been generated by technology. "I can serve interpret scientific notation that has been generated by technology. "I can serve authors and inequalities with one variable to represent real-world problems. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can give examples of linear equation by demanders with one solution, or infinitely many solutions. "I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. "I can define a function as a rule, where for each input there is exactly one output. "I can define a function as a rule, where for each input there is exactly one output. "I can define a function as a rule, where for each input there is exactly one output. "I can define a function by the examples of interpretation in a function. "I can show the relationship between inputs and outputs of a function by graphing them as ordered pairs on a coordinate grid. "I can character a graph is increasing or decreasing. "I can character a graph is increasing or decreasing. "I can character a graph as linear or conflorear. "I can be examples of relationship and create a table of values that can be defined as non-linear. "I can write a linear equation in the form of y	8.C1 8.C2 8.AF1 8.AF2 Item Specs 8.AF3	8C1 8C2 8AE1 8AE2 8AE3
Ch 4 Rules of exponents/scientific rotation Ch 5 Solving and graphing inequalities Unit Ch 6 Functions and Linear Equations Ch 7 Solving systems of equations Ch 8 Puthanorean	High Migh Quarter 3 Slandard Item Range Medium	2 2 2	EC.1 Solve real-world problems with rational numbers by using multiple expensions. EC.2 Solve real-world and other mathematical problems involving numbers expressed in scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by lethnology, such as a scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by lethnology, such as a scientific notation, require expanding expressions using the distributive property and collecting like terms. Represent rate world problems using their expectations and reagailations in one variable and other such problems. E.A.2 Solve examples of linear equations in one variable with one solution, infinitely many solutions, or no solutions. Show which of these possibilities is the case by transforming a given equation into simpler forms, until an equivalent equation of the form x = x, y = x, or x = 0 tresults (where x and b are different numbers). Standards E.A.3 Understand that a function assigns to each available (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of othered gians (x). E.A.3 Understand that a function assigns to each available (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of othered gians (x). E.A.3 Understand that a function assigns to each available (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of othered gians (x). E.A.3 Understand that a function assigns to each available independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of othered gians (x).	T can sive real-word problems by adding, subtracting, multiplying, and dividing rational numbers. T can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can compare quantities written in scientific notation. T can compare quantities written in scientific notation. T can interpret scientific notation that has been generated by technology. T can solve linear equation or and inequalities by using the districtivite property and combring like terms. T can write and solve equations and inequalities in one variable. T can swrite and solve equations and inequalities in one variable to represent real-world problems. T can simplify a linear equation to determine whether it has one solution, no solutions, or infinitely many solutions. I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can define a function as a rule, where for each input there is exactly one output. T can identify the independent and dependent variables. To can show the relationship between inputs and outputs of a function by graphing them as ordered pairs on a coordinate grid. T can identify where a graph is increasing or decreasing. T can identify where a graph is increasing or decreasing. T can identify where a graph is a function or give max when present. T can locate maximum and minimum values on a graph, when present. T can sketch a graph that exhibits the qualitative features of a function that has been described verbally. T can exhibit an equation in the form of y = mx x b represents the graph of a function to given states that can be defined as non-linear. T can occurrent as linear equation given a verbal description.	8.C1 8.C2 8.AF1 8.AF2 Item Specs 8.AF3	8C1 8C2 8AE1 8AE2 8AE3
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Ch. 4 Functions and Linear Equations Ch. 5 Solving and graphing inequalities Unit Ch. 6 Functions and Linear Equations Ch. 7 Solving systems of equations Ch. 8 Puthanousen	High Quarter 3 Standard Item Range Medium High	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world and other mathematical problems involving mumbers expressed in scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by lethnology such as a scientific notation, including problems where both decimal and scientific notation are used interpret scientific notations that has been generated by lethnology such as a scientific notation, including expensions using the distributive property and collecting like terms. Represent real-world problems using bear requirements and negatives in one variable and observation using the distributive property and collecting like terms. Perpresent real-world problems using bear requirements and inequalities in one variable and observation problems. B.A.F.3 Collecting like terms. Represent real-world problems using their one variable expensions are used and observed and observed problems. B.A.F.3 Collecting like terms. Represent real-world problems using the distributive property and collecting like terms. Perpresent real-world problems are equation into simpler forms, until an equivalent equation of the forms is a, a = a, or a = b results (where a and b are different numbers). Standards B.A.F.3 Understand that a function assigns to each a value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of collecting parts (s.g., where the function is increasing or discreasing, linear or nonlinear, line a maximum or minimum value). Standards B.A.F.3 Understand that a function assigns to each a value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of collecting parts (s.g., parts (s.g., parts)). B.A.F.3 Understand that a function assigns to each a value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of collecting	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compare quantities written in scientific notation. "I can interpret scientific notation in the has been generated by technology. "I can solve alimeter equations and inequalities with one variable. "I can solve alimeter equations and inequalities with one variable. "I can solve alimeter equations and inequalities with one variable. "I can solve alimeter equation and inequalities with one solution, no solutions, or infinitely many solutions. "I can wite and solve equations and inequalities in one variable for expresent real-world problems. "I can wite and solve equations and inequalities in one variable for expresent real-world problems. "I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can define a function as a rule, where for each input there is exactly one output. "I can identify the helpendent and dependent variables. "Given a graph or table, I can determine whether the relation is a function. "I can show the relationship between injust and outputs of a function by graphing them as ordered pairs on a coordinate grid. "I can identify where a graph is increasing or decreasing. "I can locate maximum and minimum values on a graph, when present. "I can match the graph of a function to a given situation. "I can exist the analysis that equation is the found of years the presents the graph of a linear relationship. "I can write in an equation in the follow of years. The presents	8.C1 8.G2 8.AF1 8.AF2 Item Specs 8.AF3	8C1 8C2 8AE1 8AE2 8AE3
Ch. 4 Functions and Unear Equations Ch. 5 Soving and graphing inequalities Unit Ch. 6 Functions and Unear Equations Ch. 7 Soving systems of equations	High Quarter 3 Standard Item Range Medium High	2 2 2	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world and other mathematical problems involving mumbers expressed in scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by lethnology such as a scientific notation, including problems where both decimal and scientific notation are used interpret scientific notations that has been generated by lethnology such as a scientific notation, including expensions using the distributive property and collecting like terms. Represent real-world problems using bear requirements and negatives in one variable and observation using the distributive property and collecting like terms. Perpresent real-world problems using bear requirements and inequalities in one variable and observation problems. B.A.F.3 Collecting like terms. Represent real-world problems using their one variable expensions are used and observed and observed problems. B.A.F.3 Collecting like terms. Represent real-world problems using the distributive property and collecting like terms. Perpresent real-world problems are equation into simpler forms, until an equivalent equation of the forms is a, a = a, or a = b results (where a and b are different numbers). Standards B.A.F.3 Understand that a function assigns to each a value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of collecting parts (s.g., where the function is increasing or discreasing, linear or nonlinear, line a maximum or minimum value). Standards B.A.F.3 Understand that a function assigns to each a value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of collecting parts (s.g., parts (s.g., parts)). B.A.F.3 Understand that a function assigns to each a value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of collecting	T can sive real-word problems by adding, subtracting, multiplying, and dividing rational numbers. T can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can compare quantities written in scientific notation. T can compare quantities written in scientific notation. T can interpret scientific notation that has been generated by technology. T can solve linear equation and inequalities by using the districtivitie property and combring like terms. T can write and solve equations and inequalities in one variable. T can swrite and solve equations and inequalities in one variable to represent real-world problems. T can simplify a linear equation to determine whether it has one solution, no solutions, or infinitely many solutions. I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can define a function as a rule, where for each input there is exactly one output. T can identify the independent and dependent variables. To an identify the independent and dependent variables. T can show the relationship between inputs and outputs of a function by graphing them as ordered pairs on a coordinate grid. T can identify the and a graph is increasing or docreasing. T can identify and a graph a function of a given situation. T can sketch a graph alse for a graph situation of a function that has been described verbally. T can existe a graph is a function of a create a table of visues that can be defined as non-linear. T can compare and contrast linear and nonlinear functions from tables, graphs, equations, and verbal descriptions. T can write a linear equation given a verbal description. T can write a linear equation given a verbal description. T can write a linear equation given a verbal description. T can write a linear equation is expected for	8.C1 8.G2 8.AF1 8.AF2 Item Specs 8.AF3	8C1 8C2 8AE1 8AE2 8AE3
Ch 4 Fuels of exponents/scientific notation Ch 5 Solving and graphing inequalities Unit Ch. 6 Functions and Linear Equations Ch. 7 Solving systems of equations Ch. 8 Pothanorean	High Migh Quarter 3 Standard Item Range Medium High High	2 2 Depth of Knowledge	EC.1 Solve real-world problems with rational numbers by using multiple expensions. EC.2 Solve real-world and other mathematical problems involving numbers expressed in scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by lethnology, such as a scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by lethnology, such as a scientific notation, require expanding expressions using the distributive property and collecting like terms. Represent rate world problems using their expectations and reagailations in one variable and other such problems. E.A.2 Solve examples of linear equations in one variable with one solution, infinitely many solutions, or no solutions. Show which of these possibilities is the case by transforming a given equation into simpler forms, until an equivalent equation of the form x = x, y = x, or x = 0 tresults (where x and b are different numbers). Standards E.A.3 Understand that a function assigns to each available (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of othered gians (x). E.A.3 Understand that a function assigns to each available (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of othered gians (x). E.A.3 Understand that a function assigns to each available (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of othered gians (x). E.A.3 Understand that a function assigns to each available independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of othered gians (x).	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers." "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compute with the numbers expressed in scientific notation. "I can compute with the numbers expressed in scientific notation. "I can interpret scientific notation that has been generated by technology. "I can selve a linear equation and inequalities by using the distributive property and combring like terms. "I can write and solve equations and inequalities with one variable to represent real-world problems. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can simple scale equation of selements whether this nee solution, no solutions, or infinitely many solutions. "I can give examples of linear equation by deminie whether this nee solution, and infinitely many solutions. I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can define a function as a rule, where for each input there is exactly one output. "I can define a function as a rule, where for each input there is exactly one output. "I can define a function as a rule, where for each input there is exactly one output. "I can show the relationship between inputs and outputs of a function by graphing them as ordered pairs on a coordinate grid. "I can show the relationship between inputs and outputs of a function by graphing them as ordered pairs on a coordinate grid. "I can beater maximum and minimum values on a graph, when present. "I can beater maximum and minimum values on a graph, when present. "I can beater maximum and minimum values on a graph, when present. "I can b	8.C1 8.C2 8.AE1 8.AE2 Item Specs 8.AE3 8.AE3	BC2 BAE1 BAE2 BAE3 BAE4 BAE5
Ch 4 Rules of exponents/scentific notation Ch 5 Solving and graphing inequalities Unit Ch .6 Functions and Linear Equations Ch .7 Solving systems of equations Ch .8 Potheromean	High Migh Quarter 3 Standard Item Range Medium High High	2 2 Depth of Knowledge	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world and other mathematical problems involving mumbers expressed in scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by lethnology, such as a scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by lethnology, such as a scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by lethnology, such as a scientific notation, require expanding expressions using the distributive properly and collecting like terms. Represent real world problems using their expectations and negatiless in one variable and observable problems. B.A.2 Cine examples of linear equations in one variable with one solution, infortely many solutions, or no solutions. Show which of these possibilities are because by transforming a given equation into sampler forms, until an equivalent equation of the form x = x, y = x, or x = b results (where x and b are different numbers). Standards B.A.3 Understand that a function assigns to each a value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of ordered gians (xy). B.A.3 Understand that a function assigns to each a value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of ordered gians (xy). B.A.3 Understand that a function assigns to each a value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of ordered gians (xy). B.A.3 Understand that a function assigns to each a value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of ordered gians (xy). B.A.3 Understand that a function is been	"I can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers." "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. "I can write an estimation of a large quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. "I can compute with two numbers expressed in scientific notation. "I can incompute with two numbers expressed in scientific notation. "I can incompute with two numbers expressed in scientific notation. "I can scientific notation that has been generated by technology." -I can solve a linear equation and inequalities by using the distributive property and combining like terms. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can write and solve equations and inequalities in one variable to represent real-world problems. "I can give examples of linear equation bedwriten where the relations, or infinitely many solutions. I can give examples of linear equations with one solution, no solutions, or infinitely many solutions. I can define a function as a rule, where for each input there is exactly one output. I can identify the independent and dependent variables. I can show the relationship between inputs and outputs of a function. I can show the relationship between inputs and outputs of a function by graphing them as ordered pairs on a coordinate grid. I can identify any part is increasing or decreasing. I can closalty agriph as linear or continear. I can include make the part	8.C1 8.C2 8.AE1 8.AE2 Item Specs 8.AE3 8.AE3	BAES BAES BAES
Ch 4 Rules of exponents/scentific notation Ch 5 Solving and graphing inequalities Unit Ch .6 Functions and Linear Equations Ch .7 Solving systems of equations Ch .8 Potheromean	High Migh Quarter 3 Standard Item Range Medium High High	2 2 Depth of Knowledge	B.C.1 Solve real-world problems with rational numbers by using multiple expensions. B.C.2 Solve real-world and other mathematical problems involving mumbers expressed in scientific notation, including problems where both decimal and scientific notation are used interpret scientific notation that has been generated by lethnology such as a scientific notation, including problems where both decimal and scientific notation are used interpret scientific notations that has been generated by lethnology such as a scientific notation, including expensions using the distributive property and collecting like terms. Represent real-world problems using bear requirements and negatives in one variable and observation using the distributive property and collecting like terms. Perpresent real-world problems using bear requirements and inequalities in one variable and observation problems. B.A.F.3 Collecting like terms. Represent real-world problems using their one variable expensions are used and observed and observed problems. B.A.F.3 Collecting like terms. Represent real-world problems using the distributive property and collecting like terms. Perpresent real-world problems are equation into simpler forms, until an equivalent equation of the forms is a, a = a, or a = b results (where a and b are different numbers). Standards B.A.F.3 Understand that a function assigns to each a value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of collecting parts (s.g., where the function is increasing or discreasing, linear or nonlinear, line a maximum or minimum value). Standards B.A.F.3 Understand that a function assigns to each a value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of collecting parts (s.g., parts (s.g., parts)). B.A.F.3 Understand that a function assigns to each a value (independent variable) exactly one y-value (dependent variable), and that the graph of a function is the set of collecting	T can solve real-world problems by adding, subtracting, multiplying, and dividing rational numbers. T can write an estimation of a large quantity by expressing it as the product of a single-digit number and a positive power of ten. T can write an estimation of a very small quantity by expressing it as the product of a single-digit number and a negative power of ten. T can compare quantities written in scientific notation. T can compare quantities written in scientific notation. T can interpret scientific notation that has been generated by technology. T can solve all near equations and inequalities with one variable. T can solve a linear equations and inequalities by using the districtive property and combring like terms. T can write and solve equations and inequalities with one variable to represent real-world problems. T can side and solve equations and inequalities whether it has one solutions, or infinitely many solutions. T can give examples of linear equations with one solution, no solutions, or infinitely many solutions. T can define a function as a rule, where for each input there is exactly one output. T can identify the independent and dependent variables. Town a graph or table. I can defermine whether the relation is a function. T can identify the independent and dependent wariables. T can identify the independent and dependent variables. T can identify the independent and dependent wariables. T can identify the independent	8.C1 8.C2 8.AE1 8.AE2 Item Specs 8.AE3 8.AE3	8.C2 8.AE1 8.AE2 8.AE3 8.AE3

				1 can draw a diagram and use the Pythagorean Theorem to solve real world problems involving right triangles.		
	High	2	8.GM.8 Apply the Pythagorean Theorem to determine unknown side lengths in right triangles in real-world and other mathematical problems in two dimensions.	"I can apply the Pythagorean Theorem to find an unknown side length of a right triangle.	8.GM.8	8.GM.8
				*I can create a right triangle given two points on a coordinate grid.		
	High	2	8.GM.9 Apply the Pythagorean Theorem to find the distance between two points in a coordinate plane.	1 can apply the Pythagorean Theorem to find the distance between two points in a coordinate system.	8.GM.9	8.GM.9
	Quarter 4					
it	Standard Item Range	Depth of Knowledge	Standards	I Can	Item Specs	
				1 can identify three-dimensional figures based on specific attributes.		
				1 can define three-dimensional figures based on specific attributes.		
				"I can describe three-dimensional figures based on specific attributes.		
9: Transformations			8.GM.1 Identify, define and describe attributes of three-dimensional geometric objects (right rectangular prisms, cylinders, cones, spheres, and pyramids). Explore the			
the coordinate plane	Medium	2	effects of slicing these objects using appropriate technology and describe the two-dimensional figure that results.	1 can make predictions regarding the two-dimensional figure formed when slicing a three-dimensional solid.	8.GM.1	8.GM.1
				1 can state and apply the formulas for the volumes of cones, spheres and pyramids.		
10: Surface				"I can state and apply the formula for surface area of a sphere.		
ea/volume of 3 nensional shapes	High	2	8.GM.2 Solve real-world and other mathematical problems involving volume of cones, spheres, and pyramids and surface area of spheres.	"I can solve real-world problems involving the volume of cones, spheres, and pyramids.	8.GM.2	8.GM.2
erisional shapes	11/611		COME SAFE LOW WIND SHARE MALE MALE MEDICAL PROPERTY CONTROL OF COMES, APARTES, and pyromate and at a face are to apprecia	1 can verify the properties of rotated, reflected or translated geometric figures by measuring and comparing lengths of segments and measures of angles.	0.086.2	0.004.2
11: Simple				*I can prove that lines and line segments remain the same length following a rotation, reflection, or translation.		
bability/compound				*I can confirm that angles have the same measure following a rotation, reflection, or translation.		
bability/fundamental unting principle	Medium	2	8.GM.3 Verify experimentally the properties of rotations, reflections, and translations, including: lines are mapped to lines, and line segments to line segments of the same length; angles are mapped to angles of the same measure; and parallel lines are mapped to parallel lines.	1 can verify that parallel lines remain parallel following a rotation, reflection, or translation.	8.GM.3	8.GM.3
counting principle	mediani	-	resigns, ungrestate imapped to ungest of the same intenset, and parametimes are imapped to parametimes.	1 can explain that a two-dimensional figure is congruent to another after performing a series of rotations, reflections and translations.	0.000.0	2000
	Medium	2	8.GM.4 Understand that a two-dimensional figure is congruent to another if the second can be obtained from the first by a sequence of rotations, reflections, and			00144
	Medium	2	translations. Describe a sequence that exhibits the congruence between two given congruent figures.	"I can describe a sequence of transformations that shows the congruence between two figures. "I can explain how transformations can be used to prove that two figures are similar.	8.GM.4	8.GM.4
			8.GM.5 Understand that a two-dimensional figure is similar to another if the second can be obtained from the first by a sequence of rotations, reflections, translations, and	1 can describe a sequence of transformations that either prove or disprove that two figures are similar.		
	Medium	2	dilations. Describe a sequence that exhibits the similarity between two given similar figures.	1 can describe attributes of similar figures.	8.GM.5	8.GM.5
				*I can describe the changes to the size and shape of a figure after a dilation in the coordinate plane.		
				1 can explore translations in the coordinate plane.		
				*I can use coordinate notation to describe a translation.		
				*I can use vector notation to describe a translation.		
				1 can explore a reflection across the x-axis, y-axis or the lines y = x or y = -x in the coordinate plane.		
	Medium	3	8.GM.6 Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.	*I can explore a rotation about the origin in the coordinate plane.	8.GM.6	8.GM.6
				"I can find the sample space for a compound event.		
				1 can find the probability of a compound event.		
				1 can describe events as independent or dependent.		
				1 can identify events as mutually exclusive.		
			8.DSP.4 Understand that, just as with simple events, the probability of a compound event is the fraction of outcomes in the sample space for which the compound event			
	Medium	2	occurs. Understand and use appropriate terminology to describe independent, dependent, complementary, and mutually exclusive events.	1 can identify the complement of an event.	8.DSP.4	8.DSP.4
				1 can represent the sample space of independent and dependent events.		
				1 can create a tree diagram to show the sample space of a compound event.		
				1 can find the probability of a compound event using an organized list.		
			8.DSP.5 Represent sample spaces and find probabilities of compound events (independent and dependent) using methods, such as organized lists, tables, and tree	1 can find the probability of a compound event using a table.		
	Medium	2	8.Decays Represent sample spaces and find probabilities or compound events (independent and dependent) using methods, such as organized lists, tables, and tree diagrams.	1 can find the probability of a compound event using a tree diagram.	8.DSP.5	8.DSP.5
				1 can apply the multiplication counting principle to situations with a large number of outcomes.	_	
	Medium	2	8.DSP.6 For events with a large number of outcomes, understand the use of the multiplication counting principle. Develop the multiplication counting principle and apply it to situations with a large number of outcomes.	1 can develop the multiplication counting principle through exploration.	8.DSP.6	8 DSP6
	Medium	2	to Situations with a large number of outcomes.	т сап чечегор вте птиприсавот соститу ряторие впочут ехрогакот.	9.00000	0.0000