

Operations and Algebraic Thinking

1) Use the four operations with whole numbers to solve problems. (OA1-3)

	1 Area of Concern	2 Emerging	3 Progressing	4 Secure
Tri 1	<p>Exhibits little understanding of how to:</p> <ul style="list-style-type: none"> • Make sense of addition and subtraction multi-step number stories and estimate to generate a reasonable answer to a problem before solving. • Recognize comparison situations that are multiplicative. • Identify a number story as additive or multiplicative and explain how they know. 	<p>Requires considerable support to:</p> <ul style="list-style-type: none"> • Make sense of addition and subtraction multi-step number stories and estimate to generate a reasonable answer to a problem before solving. • Recognize comparison situations that are multiplicative. • Identify a number story as additive or multiplicative and explain how they know. 	<p>With minimal support can:</p> <ul style="list-style-type: none"> • Make sense of addition and subtraction multi-step number stories and estimate to generate a reasonable answer to a problem before solving. • Recognize comparison situations that are multiplicative. • Identify a number story as additive or multiplicative and explain how they know. 	<p>Can consistently and independently:</p> <ul style="list-style-type: none"> • Make sense of addition and subtraction multi-step number stories and estimate to generate a reasonable answer to a problem before solving. • Recognize comparison situations that are multiplicative. • Identify a number story as additive or multiplicative and explain how they know.
Tri 2	<p>Exhibits little understanding of how to:</p> <ul style="list-style-type: none"> • Solve multiplicative comparison number stories using multiplication. 	<p>Requires considerable support to:</p> <ul style="list-style-type: none"> • Solve multiplicative comparison number stories using multiplication. 	<p>With minimal support can:</p> <ul style="list-style-type: none"> • Solve multiplicative comparison number stories using multiplication. 	<p>Can consistently and independently:</p> <ul style="list-style-type: none"> • Solve multiplicative comparison number stories using multiplication.

	<ul style="list-style-type: none"> ● Make a plan for solving multi-step number stories. ● Assess the reasonableness of answers by comparing to an estimate. 	<ul style="list-style-type: none"> ● Make a plan for solving multi-step number stories. ● Assess the reasonableness of answers by comparing to an estimate. 	<ul style="list-style-type: none"> ● Make a plan for solving multi-step number stories. ● Assess the reasonableness of answers by comparing to an estimate. 	<ul style="list-style-type: none"> ● Make a plan for solving multi-step number stories. ● Assess the reasonableness of answers by comparing to an estimate.
Tri 3	<p>Exhibits little understanding of how to:</p> <ul style="list-style-type: none"> ● Plan and solve and multi-step number stories the four operations. ● Assess the reasonableness of answers by comparing them to an estimate. 	<p>Requires considerable support to:</p> <ul style="list-style-type: none"> ● Plan and solve and multi-step number stories the four operations. ● Assess the reasonableness of answers by comparing them to an estimate. 	<p>With minimal support can:</p> <ul style="list-style-type: none"> ● Plan and solve and multi-step number stories the four operations. ● Assess the reasonableness of answers by comparing them to an estimate. 	<p>Can consistently and independently:</p> <ul style="list-style-type: none"> ● Plan and solve and multi-step number stories the four operations. ● Assess the reasonableness of answers by comparing them to an estimate.

2) Gain familiarity with factors and multiples. (OA4)

	1 Area of Concern	2 Emerging	3 Progressing	4 Secure
Tri 1	Exhibits little understanding of how to: <ul style="list-style-type: none"> Identify more than one factor pair for composite numbers less than 40. Write multiples of a 1-digit number. Identify prime and composite numbers less than 40. 	Requires considerable support to: <ul style="list-style-type: none"> Identify more than one factor pair for composite numbers less than 40. Write multiples of a 1-digit number. Identify prime and composite numbers less than 40. 	With minimal support can: <ul style="list-style-type: none"> Identify more than one factor pair for composite numbers less than 40. Write multiples of a 1-digit number. Identify prime and composite numbers less than 40. 	Can consistently and independently: <ul style="list-style-type: none"> Identify more than one factor pair for composite numbers less than 40. Write multiples of a 1-digit number. Identify prime and composite numbers less than 40.
Tri 2				
Tri 3				

3) Generate and analyze patterns. (OA5)

	1 Area of Concern	2 Emerging	3 Progressing	4 Secure
Tri 1				
Tri 2				
Tri 3	Exhibits little understanding of how to: <ul style="list-style-type: none"> Continue and describe number patterns. 	Requires considerable support to: <ul style="list-style-type: none"> Continue and describe number patterns. 	With minimal support can: <ul style="list-style-type: none"> Continue and describe number patterns. 	Can consistently and independently: <ul style="list-style-type: none"> Continue and describe number patterns.

Numbers and Operations in Base Ten

1) Generalize place value understanding for multi-digit whole numbers. (NBT1-3)

	1 Area of Concern	2 Emerging	3 Progressing	4 Secure
Tri 1	Exhibits little understanding of how to: Through 100,000s... <ul style="list-style-type: none"> • Read and identify places in numbers using a tool. • Read number names. • Compare and order multi-digit numbers. • Round numbers to the 2 largest place values. • Recognize the relationships between place values that are ten times as large as another place for numbers up to 1,000. 	Requires considerable support to: Through 100,000s... <ul style="list-style-type: none"> • Read and identify places in numbers using a tool. • Read number names. • Compare and order multi-digit numbers. • Round numbers to the 2 largest place values. • Recognize the relationships between place values that are ten times as large as another place for numbers up to 1,000. 	With minimal support can: Through 100,000s... <ul style="list-style-type: none"> • Read and identify places in numbers using a tool. • Read number names. • Compare and order multi-digit numbers. • Round numbers to the 2 largest place values. • Recognize the relationships between place values that are ten times as large as another place for numbers up to 1,000. 	Can consistently and independently: Through 100,000s... <ul style="list-style-type: none"> • Read and identify places in numbers using a tool. • Read number names. • Compare and order multi-digit numbers. • Round numbers to the 2 largest place values. • Recognize the relationships between place values that are ten times as large as another place for numbers up to 1,000.
Tri 2	Exhibits little understanding of how to: Through 100,000s <ul style="list-style-type: none"> • Read and identify places in numbers. 	Requires considerable support to: Through 100,000s <ul style="list-style-type: none"> • Read and identify places in numbers. 	With minimal support can: Through 100,000s <ul style="list-style-type: none"> • Read and identify places in numbers. 	Can consistently and independently: Through 100,000s <ul style="list-style-type: none"> • Read and identify places in numbers.

	<ul style="list-style-type: none"> Read and write numbers in standard and expanded form. Compare and order numbers. Record comparisons using $>$, $<$, or $=$ and explain. 	<ul style="list-style-type: none"> Read and write numbers in standard and expanded form. Compare and order numbers. Record comparisons using $>$, $<$, or $=$ and explain. 	<ul style="list-style-type: none"> Read and write numbers in standard and expanded form. Compare and order numbers. Record comparisons using $>$, $<$, or $=$ and explain. 	<ul style="list-style-type: none"> Read and write numbers in standard and expanded form. Compare and order numbers. Record comparisons using $>$, $<$, or $=$ and explain.
Tri 3				

2) Use place value understanding and properties of operations to perform multi-digit arithmetic. (NBT 4-6)

	1 Area of Concern	2 Emerging	3 Progressing	4 Secure
Tri 1	Exhibits little understanding of how to: <ul style="list-style-type: none"> Add and subtract multi-digit whole numbers. 	Requires considerable support to: <ul style="list-style-type: none"> Add and subtract multi-digit whole numbers. 	With minimal support can: <ul style="list-style-type: none"> Add and subtract multi-digit whole numbers. 	Can consistently and independently: <ul style="list-style-type: none"> Apply the traditional addition and subtraction algorithms to add and subtract 3-digit problems. Use traditional addition and subtraction algorithms to add and subtract 4-digit problems. Use fact extensions to multiply by a multiple of 10.

Tri 2	<p>Exhibits little understanding of how to:</p> <ul style="list-style-type: none"> ● Use the traditional addition and subtraction algorithm to solve up to 4-digit problems. ● Accurately use and explain the traditional algorithms to add and subtract multi-digit whole numbers. ● Accurately multiply 2-digit by 1-digit whole numbers. 	<p>Requires considerable support to:</p> <ul style="list-style-type: none"> ● Use the traditional addition and subtraction algorithm to solve up to 4-digit problems. ● Accurately use and explain the traditional algorithms to add and subtract multi-digit whole numbers. ● Accurately multiply 2-digit by 1-digit whole numbers. 	<p>With minimal support can:</p> <ul style="list-style-type: none"> ● Use the traditional addition and subtraction algorithm to solve up to 4-digit problems. ● Accurately use and explain the traditional algorithms to add and subtract multi-digit whole numbers. ● Accurately multiply 2-digit by 1-digit whole numbers. 	<p>Can consistently and independently:</p> <ul style="list-style-type: none"> ● Use the traditional addition and subtraction algorithm to solve up to 4-digit problems. ● Accurately use and explain the traditional algorithms to add and subtract multi-digit whole numbers. ● Accurately multiply 2-digit by 1-digit whole numbers.
Tri 3	<p>Exhibits little understanding of how to:</p> <ul style="list-style-type: none"> ● Accurately multiply a 3-digit by 1-digit numbers. ● Accurately multiply a 2-digit number by a multiple of 10. ● Illustrate and explain multiplication by a 1-digit number. ● Accurately divide a 2-digit by a 1-digit number. 	<p>Requires considerable support to:</p> <ul style="list-style-type: none"> ● Accurately multiply a 3-digit by 1-digit numbers. ● Accurately multiply a 2-digit number by a multiple of 10. ● Illustrate and explain multiplication by a 1-digit number. ● Accurately divide a 2-digit by a 1-digit number. 	<p>With minimal support can:</p> <ul style="list-style-type: none"> ● Accurately multiply a 3-digit by 1-digit numbers. ● Accurately multiply a 2-digit number by a multiple of 10. ● Illustrate and explain multiplication by a 1-digit number. ● Accurately divide a 2-digit by a 1-digit number. 	<p>Can consistently and independently:</p> <ul style="list-style-type: none"> ● Accurately multiply a 3-digit by 1-digit numbers. ● Accurately multiply a 2-digit number by a multiple of 10. ● Illustrate and explain multiplication by a 1-digit number. ● Accurately divide a 2-digit by a 1-digit number.

	<ul style="list-style-type: none"> • Illustrate and explain division of 2-digit by a 1-digit number. • Apply understanding of multiplying to multiply 4-digit by 1-digit number and a 2-digit by a 2-digit number. • Attempt to Illustrate multiplication by a 1-digit number and a 2-digit by a 2-digit number. • Accurately divide a 3-digit by a 1-digit number and illustrate/explain. 	<ul style="list-style-type: none"> • Illustrate and explain division of 2-digit by a 1-digit number. • Apply understanding of multiplying to multiply 4-digit by 1-digit number and a 2-digit by a 2-digit number. • Attempt to Illustrate multiplication by a 1-digit number and a 2-digit by a 2-digit number. • Accurately divide a 3-digit by a 1-digit number and illustrate/explain. 	<ul style="list-style-type: none"> • Illustrate and explain division of 2-digit by a 1-digit number. • Apply understanding of multiplying to multiply 4-digit by 1-digit number and a 2-digit by a 2-digit number. • Attempt to Illustrate multiplication by a 1-digit number and a 2-digit by a 2-digit number. • Accurately divide a 3-digit by a 1-digit number and illustrate/explain. 	<ul style="list-style-type: none"> • Illustrate and explain division of 2-digit by a 1-digit number. • Apply understanding of multiplication to multiply 4-digit by 1-digit number and a 2-digit by a 2-digit number. • Attempt to illustrate/explain multiplication by a 1-digit number and a 2-digit by a 2-digit number. • Accurately divide a 3-digit by a 1-digit number and illustrate/explain.
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Number and Operations- Fractions

1) *Extend understanding of fraction equivalence and ordering (NF1-2)*

	1 Area of Concern	2 Emerging	3 Progressing	4 Secure
Tri 1				
Tri 2	Exhibits little understanding of how to: <ul style="list-style-type: none"> Recognize two equivalent fractions through 12ths using a model. Recognize that fraction comparisons require same-size wholes using a model. Compare two fractions using a model. 	Requires considerable support to: <ul style="list-style-type: none"> Recognize two equivalent fractions through 12ths using a model. Recognize that fraction comparisons require same-size wholes using a model. Compare two fractions using a model. 	With minimal support can: <ul style="list-style-type: none"> Recognize two equivalent fractions through 12ths using a model. Recognize that fraction comparisons require same-size wholes using a model. Compare two fractions using a model. 	Can consistently and independently: <ul style="list-style-type: none"> Recognize two equivalent fractions through 12ths using a model. Recognize that fraction comparisons require same-size wholes using a model. Compare two fractions using a model.
Tri 3				

2) Build fractions from unit fractions by applying and extending previous understandings. (NF3-4)

	1 Area of Concern	2 Emerging	3 Progressing	4 Secure
Tri 1				
Tri 2	Exhibits little understanding of how to: <ul style="list-style-type: none"> • Add fractions and subtract fractions (no regrouping) using manipulatives. • Decompose fractions, represent with equation, and explain using a visual fraction model. • Add mixed numbers and subtract mixed numbers (no regrouping) using manipulatives and visual fraction models. • Use manipulatives and visual fraction models to add fractions in number stories. 	Requires considerable support to: <ul style="list-style-type: none"> • Add fractions and subtract fractions (no regrouping) using manipulatives. • Decompose fractions, represent with equation, and explain using a visual fraction model. • Add mixed numbers and subtract mixed numbers (no regrouping) using manipulatives and visual fraction models. • Use manipulatives and visual fraction models to add fractions in number stories. 	With minimal support can: <ul style="list-style-type: none"> • Add fractions and subtract fractions (no regrouping) using manipulatives. • Decompose fractions, represent with equation, and explain using a visual fraction model. • Add mixed numbers and subtract mixed numbers (no regrouping) using manipulatives and visual fraction models. • Use manipulatives and visual fraction models to add fractions in number stories. 	Can consistently and independently: <ul style="list-style-type: none"> • Add fractions and subtract fractions (no regrouping) using manipulatives. • Decompose fractions, represent with equation, and explain using a visual fraction model. • Add and subtract mixed numbers (no regrouping) using manipulatives and visual fraction models. • Use manipulatives and visual fraction models to add fractions in number stories.
Tri 3	Exhibits little understanding of how to: <ul style="list-style-type: none"> • Add and subtract mixed numbers using 	Requires considerable support to: <ul style="list-style-type: none"> • Add and subtract mixed numbers using 	With minimal support can: <ul style="list-style-type: none"> • Add and subtract mixed numbers using 	Can consistently and independently: <ul style="list-style-type: none"> • Add and subtract mixed numbers using

	<p>manipulatives and visual fraction models.</p> <ul style="list-style-type: none"> ● Add and subtract fractions in number stories using manipulatives and visual fraction models. ● Find a multiple of $1/b$. ● Use multiple strategies to multiply a fraction by a whole number. ● Write a multiplication equation with a letter standing for the unknown to represent a number story involving multiplication of a fraction by a whole number. ● Add and subtract mixed numbers using manipulatives and visual fraction models. ● Add and subtract number stories. ● Multiply a fraction by a whole number, using manipulatives and visual fraction models. 	<p>manipulatives and visual fraction models.</p> <ul style="list-style-type: none"> ● Add and subtract fractions in number stories using manipulatives and visual fraction models. ● Find a multiple of $1/b$. ● Use multiple strategies to multiply a fraction by a whole number. ● Write a multiplication equation with a letter standing for the unknown to represent a number story involving multiplication of a fraction by a whole number. ● Add and subtract mixed numbers using manipulatives and visual fraction models. ● Add and subtract number stories. ● Multiply a fraction by a whole number, using manipulatives and visual fraction models. 	<p>manipulatives and visual fraction models.</p> <ul style="list-style-type: none"> ● Add and subtract fractions in number stories using manipulatives and visual fraction models. ● Find a multiple of $1/b$. ● Use multiple strategies to multiply a fraction by a whole number. ● Write a multiplication equation with a letter standing for the unknown to represent a number story involving multiplication of a fraction by a whole number. ● Add and subtract mixed numbers using manipulatives and visual fraction models. ● Add and subtract number stories. ● Multiply a fraction by a whole number, using manipulatives and visual fraction models. 	<p>manipulatives and visual fraction models.</p> <ul style="list-style-type: none"> ● Add and subtract fractions in number stories using manipulatives and visual fraction models. ● Find a multiple of $1/b$. ● Use multiple strategies to multiply a fraction by a whole number. ● Write a multiplication equation with a letter standing for the unknown to represent a number story involving multiplication of a fraction by a whole number. ● Add and subtract mixed numbers using manipulatives and visual fraction models. ● Add and subtract number stories. ● Multiply a fraction by a whole number, using manipulatives and visual fraction models.
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3) Understand decimal notation for fractions, and compare decimals. (NF5-7)

	1 Area of Concern	2 Emerging	3 Progressing	4 Secure
Tri 1				
Tri 2	<p>Exhibits little understanding of how to:</p> <ul style="list-style-type: none"> • Represent decimals to hundredths using a model. • Represent decimals to hundredths with base-ten numerals. • Translate between decimal notation and fractions with denominators of 10 or 100 using a model. • Compare decimals using a model. • Attempt to translate between decimal notation and fractions with denominators 10 or 100 w/out a model. • Add two fractions with denominators 10 and 100 using a model. 	<p>Requires considerable support:</p> <ul style="list-style-type: none"> • Represent decimals to hundredths using a model. • Represent decimals to hundredths with base-ten numerals. • Translate between decimal notation and fractions with denominators of 10 or 100 using a model. • Compare decimals using a model. • Attempt to translate between decimal notation and fractions with denominators 10 or 100 w/out a model. • Add two fractions with denominators 10 and 100 using a model. 	<p>With minimal support can:</p> <ul style="list-style-type: none"> • Represent decimals to hundredths using a model. • Represent decimals to hundredths with base-ten numerals. • Translate between decimal notation and fractions with denominators of 10 or 100 using a model. • Compare decimals using a model. • Attempt to translate between decimal notation and fractions with denominators 10 or 100 w/out a model. • Add two fractions with denominators 10 and 100 using a model. 	<p>Can consistently and independently:</p> <ul style="list-style-type: none"> • Represent decimals to hundredths using a model. • Represent decimals to hundredths with base-ten numerals. • Translate between decimal notation and fractions with denominators of 10 or 100 using a model. • Compare decimals using a model. • Attempt to translate between decimal notation and fractions with denominators 10 or 100 w/out a model. • Add two fractions with denominators 10 and 100 using a model.

Tri 3	Exhibits little understanding of how to: <ul style="list-style-type: none"> • Add two fractions with denominators 10 and 100. • Use decimal notation for fractions with denominators 10 or 100. 	Requires considerable support: <ul style="list-style-type: none"> • Add two fractions with denominators 10 and 100. • Use decimal notation for fractions with denominators 10 or 100. 	With minimal support can: <ul style="list-style-type: none"> • Add two fractions with denominators 10 and 100. • Use decimal notation for fractions with denominators 10 or 100. 	Can consistently and independently: <ul style="list-style-type: none"> • Add two fractions with denominators 10 and 100. • Use decimal notation for fractions with denominators 10 or 100.

Measurement and Data

1) Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. (MD1-3)

	1 Area of Concern	2 Emerging	3 Progressing	4 Secure
Tri 1	Exhibits little understanding of how to: <ul style="list-style-type: none"> • Explain the relationships and convert between yards, feet, and inches. • Find the perimeter using a strategy. 	Requires considerable support to: <ul style="list-style-type: none"> • Explain the relationships and convert between yards, feet, and inches. • Find the perimeter using a strategy. 	With minimal support can: <ul style="list-style-type: none"> • Explain the relationships and convert between yards, feet, and inches. • Find the perimeter using a strategy. 	Can consistently and independently: <ul style="list-style-type: none"> • Explain the relationships and convert between yards, feet, and inches. • Find the perimeter using a strategy.
Tri 2	Exhibits little understanding of how to:	Requires considerable support to:	With minimal support can:	Can consistently and independently:

	<ul style="list-style-type: none"> ● Solve number stories involving customary units of length; units of time, money; and metric units of length, capacity, and mass. ● Use a formula to find the perimeters and areas of rectangles. 	<ul style="list-style-type: none"> ● Solve number stories involving customary units of length; units of time, money; and metric units of length, capacity, and mass. ● Use a formula to find the perimeters and areas of rectangles. 	<ul style="list-style-type: none"> ● Solve number stories involving customary units of length; units of time, money; and metric units of length, capacity, and mass. ● Use a formula to find the perimeters and areas of rectangles. 	<ul style="list-style-type: none"> ● Solve number stories involving customary units of length; units of time, money; and metric units of length, capacity, and mass. ● Use a formula to find the perimeters and areas of rectangles.
Tri 3	<p>Exhibits little understanding of how to:</p> <ul style="list-style-type: none"> ● Express units of capacity conversions in a 2-column table. ● Use the four operations to solve number stories involving whole numbers of measured quantities. 	<p>Requires considerable support to:</p> <ul style="list-style-type: none"> ● Express units of capacity conversions in a 2-column table. ● Use the four operations to solve number stories involving whole numbers of measured quantities. 	<p>With minimal support can:</p> <ul style="list-style-type: none"> ● Express units of capacity conversions in a 2-column table. ● Use the four operations to solve number stories involving whole numbers of measured quantities. 	<p>Can consistently and independently:</p> <ul style="list-style-type: none"> ● Express units of capacity conversions in a 2-column table. ● Use the four operations to solve number stories involving whole numbers of measured quantities.

2) Represent and interpret data. (MD4)

	1 Area of Concern	2 Emerging	3 Progressing	4 Secure
Tri 1				
Tri 2	Exhibits little understanding of how to: <ul style="list-style-type: none"> Organize and represent data in $\frac{1}{2}$ and $\frac{1}{4}$ units on line plots. Solve addition and subtraction problems about line plots in $\frac{1}{2}$ and $\frac{1}{4}$ units. 	Requires considerable support to: <ul style="list-style-type: none"> Organize and represent data in $\frac{1}{2}$ and $\frac{1}{4}$ units on line plots. Solve addition and subtraction problems about line plots in $\frac{1}{2}$ and $\frac{1}{4}$ units. 	With minimal support can: <ul style="list-style-type: none"> Organize and represent data in $\frac{1}{2}$ and $\frac{1}{4}$ units on line plots. Solve addition and subtraction problems about line plots in $\frac{1}{2}$ and $\frac{1}{4}$ units. 	Can consistently and independently: <ul style="list-style-type: none"> Organize and represent data in $\frac{1}{2}$ and $\frac{1}{4}$ units on line plots. Solve addition and subtraction problems about line plots in $\frac{1}{2}$ and $\frac{1}{4}$ units.
Tri 3	Exhibits little understanding of how to: <ul style="list-style-type: none"> Organize and represent data in $\frac{1}{8}$ units on line plots. Solve addition and subtraction problems about line plot data in $\frac{1}{8}$ units. 	Requires considerable support to: <ul style="list-style-type: none"> Organize and represent data in $\frac{1}{8}$ units on line plots. Solve addition and subtraction problems about line plot data in $\frac{1}{8}$ units. 	With minimal support can: <ul style="list-style-type: none"> Organize and represent data in $\frac{1}{8}$ units on line plots. Solve addition and subtraction problems about line plot data in $\frac{1}{8}$ units. 	Can consistently and independently: <ul style="list-style-type: none"> Organize and represent data in $\frac{1}{8}$ units on line plots. Solve addition and subtraction problems about line plot data in $\frac{1}{8}$ units.

3) Understand concepts of angles and measures angles. (MD5-7)

	1 Area of Concern	2 Emerging	3 Progressing	4 Secure
Tri 1				
Tri 2	<p>Exhibits little understanding of how to:</p> <ul style="list-style-type: none"> Identify rotations such a $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, and full turns. Recognize that the degree is the standard unit of measure for angles. Recognize that angles are measured in iterations of one-degree angles. 	<p>Requires considerable support to:</p> <ul style="list-style-type: none"> Identify rotations such a $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, and full turns. Recognize that the degree is the standard unit of measure for angles. Recognize that angles are measured in iterations of one-degree angles. 	<p>With minimal support can:</p> <ul style="list-style-type: none"> Identify rotations such a $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, and full turns. Recognize that the degree is the standard unit of measure for angles. Recognize that angles are measured in iterations of one-degree angles. 	<p>Can consistently and independently:</p> <ul style="list-style-type: none"> Identify rotations such a $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, and full turns. Recognize that the degree is the standard unit of measure for angles. Recognize that angles are measured in iterations of one-degree angles.
Tri 3	<p>Exhibits little understanding of how to:</p> <ul style="list-style-type: none"> Correctly identify the type of angle and obtain measurements within the correct range for acute and obtuse angles. Recognize angle measures as additive within 90 and 180 degrees. Add and subtract to find unknown angle measures 	<p>Requires considerable support to:</p> <ul style="list-style-type: none"> Correctly identify the type of angle and obtain measurements within the correct range for acute and obtuse angles. Recognize angle measures as additive within 90 and 180 degrees. Add and subtract to find unknown angle measures 	<p>With minimal support can:</p> <ul style="list-style-type: none"> Correctly identify the type of angle and obtain measurements within the correct range for acute and obtuse angles. Recognize angle measures as additive within 90 and 180 degrees. Add and subtract to find unknown angle measures 	<p>Can consistently and independently:</p> <ul style="list-style-type: none"> Correctly identify the type of angle and obtain measurements within the correct range for acute and obtuse angles. Recognize angle measures as additive within 90 and 180 degrees. Add and subtract to find unknown angle measures

	<p>within 90 and 180 degree angles.</p> <ul style="list-style-type: none"> Solve add/subt problems to find unknown angle measures on a diagram in real world and mathematical problems. 	<p>within 90 and 180 degree angles.</p> <ul style="list-style-type: none"> Solve add/subt problems to find unknown angle measures on a diagram in real world and mathematical problems. 	<p>within 90 and 180 degree angles.</p> <ul style="list-style-type: none"> Solve add/subt problems to find unknown angle measures on a diagram in real world and mathematical problems. 	<p>within 90 and 180 degree angles.</p> <ul style="list-style-type: none"> Solve add/subt problems to find unknown angle measures on a diagram in real world and mathematical problems.
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Geometry

1) Draw and identify lines and angles, and classify shapes by properties of their lines and angles. (G1-3)

	1 Area of Concern	2 Emerging	3 Progressing	4 Secure
Tri 1	<p>Exhibits little understanding of how to:</p> <ul style="list-style-type: none"> Draw and label points, lines, line segments, and rays using resources. Correctly identify right angles. Identify properties of line segments and angles within quadrilaterals. Identify right angles within triangles. 	<p>Requires considerable support to:</p> <ul style="list-style-type: none"> Draw and label points, lines, line segments, and rays using resources. Correctly identify right angles. Identify properties of line segments and angles within quadrilaterals. Identify right angles within triangles. 	<p>With minimal support can:</p> <ul style="list-style-type: none"> Draw and label points, lines, line segments, and rays using resources. Correctly identify right angles. Identify properties of line segments and angles within quadrilaterals. Identify right angles within triangles. 	<p>Can consistently and independently:</p> <ul style="list-style-type: none"> Draw and label points, lines, line segments, and rays using resources. Correctly identify right angles. Identify properties of line segments and angles within quadrilaterals. Identify right angles within triangles.
Tri 2				
Tri 3				

