Year-At-A-Glance
Math 7 Grade Math

Bentonville Schools

Quarter 1

Key Ideas

- Scaled Copies
- Scale Drawings
- Representing Proportional Relationships with Tables
- Representing Proportional Relationships with Equations
- Comparing Proportional and Nonproportional Relationships
- Representing Proportional Relationships with Graphs
- Circumference of a Circle

Essential Standards

- 7.PR.4
- 7.PR.6
- 7.PR.7

Key Concepts

- 7.PR.1
- 7.PR.2
- 7.PR.4
- 7.PR.6
- 7.PR.7
- 7.ALG.4

Quarter 2

Key Ideas

- Area of a circle
- Proportional Relationships with Fractions
- Percent Increase and Decrease
- Applying Percentages
- Interpreting Negative Numbers

Essential Standards

- 7.PR.3
- 7.PR.4
- 7.PR.5
- 7.PR.7

Key Concepts

- 7.PR.2
- 7.PR.3
- 7.PR.5
- 7.PR.7

Quarter 3

Key Ideas

- Adding and Subtracting Rational Numbers
- Multiplying and Dividing Rational Numbers
- Four Operations with Rational Numbers
- Solving Equations When There Are Negative Numbers
- Represents relationships with two quantities using equations
- Solve equations of the forms $px + q = r$ and $p(x + q) = r$
- Solve inequalities of the form $px + q > r$ and $px + q \geq r$
- Use equations and inequalities to represent word problems

Essential Standards

- 7.ALG.1
- 7.ALG.2
- 7.ALG.3
- 7.ALG.5
- 7.NCC.6
- 7.NCC.9

Key Concepts

- 7.ALG.1
- 7.ALG.2
- 7.ALG.3
- 7.ALG.5
- 7.NCC.1

Key Concepts

- 7.NCC.5
- 7.NCC.6
- 7.NCC.7
- 7.NCC.8
- 7.NCC.9

Quarter 4

Key Ideas

- Angle Relationships
- Solid Geometry
- Probabilities of Single-Step Events
- Sampling
- Using Samples

Arkansas Math Standards: https://dese.ade.arkansas.gov/admin/Files/AR_2023_K-8,_Alg,_Geo_Math_Standards_LS_6.21.23_LS.pdf

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