

7th Grade Math - Student Friendly TEKS

- 7.1A I can apply math to everyday life.
- 7.1B I can create and use a problem solving plan.
- 7.1B I can check my answer to see if it makes sense.
- 7.1C I can solve problems with different stuff.
- 7.1C I can solve problems with different resources (manipulatives, technology, etc).
- 7.1D I can use multiple ways to communicate math ideas.
- 7.1D I can explain ways to solve math problems.
- 7.1E I can use different representations to keep information organized when solving problems.
- 7.1F I can think and talk about the relationships between math ideas.
- 7.1G I can use math language to explain and defend mathematical ideas in writing or out loud.
- 7.2A I can use a visual representation to describe relationships between sets of numbers.
- 7.3A I can add, subtract, multiply, and divide integers.
- 7.3A I can add, subtract, multiply, and divide positive and negative decimals.
- 7.3A I can add, subtract, multiply, and divide positive and negative fractions.
- 7.3B I can solve real-world problems by using addition, subtraction, multiplication, and division of different kinds of numbers.
- 7.4A I can find constant rates of change from different representations (tables, graphs, verbal, numbers, algebra).
- 7.4A I can show constant rates of change in different ways (tables, graphs, verbal, numbers, algebra).
- 7.4B I can find unit rates from real-world problems.
- 7.4C I can determine if the ratios of (missing word) in a math problem are equal, and if they are, then I know the constant of proportionality.
- 7.4D I can find solutions to problems involving rates and ratios.
- 7.4D I can solve problems involving percents.
- 7.4D I can solve problems involving percent increase and percent decrease.
- 7.4D I can solve money problems involving percents (including interest, tax, tip, commission, discount, etc.)
- 7.4D I can solve problems involving percents with money problems.
- 7.4E I can use proportions to convert units between metric and customary systems.
- 7.5A I can create ratios using similar figures.
- 7.5A I know what makes shapes similar.
- 7.5B I can explain the relationship between the circumference and diameter of a circle using pi (π).
- 7.5B I know what number is created by dividing the circumference of a circle by its diameter.
- 7.5C I can solve problems involving scale drawings, like maps and blueprints dude.
- 7.5C I can solve problems involving similarity.
- 7.6A I can create sample spaces using lists and tree diagrams.
- 7.6B I can choose and use different activities to show possible outcomes, sometimes using technology.

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- 7.6C I can use data from experiments to make predictions and solve problems.
- 7.6D I I can use theoretical probability to make predictions and solve problems.
- 7.6D I can use (word missing) to make predictions and solve problems.
- 7.6E I can find the probability of a simple event and its complement and talk about how they are related.
- 7.6F I can draw conclusions given data from a random sample.
- 7.6G I can solve problems using different types of graphs (dot plots, bar graph, circle graph)
- 7.6G I can compare part-to-part and part-to-whole relationships in different graphs.
- 7.6H I can compare simple experiments and solve problems.
- 7.6H I can make predictions about simple experiments and solve problems.
- 7.6I I can think about what should happen in a probability situation.
- 7.6I I can run an experiment in a probability situation to determine what actually happens.
- 7.7A I can show linear relationships in different ways (table, graph, verbal, equation).
- 7.8A I can show how a rectangular prism and a rectangular pyramid with the same base and height are related.
I can demonstrate that the volume of three rectangular pyramids is equal to the volume of one rectangular prism if their base and height is the same.
- 7.8A is the same.
- 7.8B I can explain and show how a triangular prism and a triangular pyramid with the same base and height are related.
I can explain and demonstrate that the volume of three triangular pyramids is equal to the volume of one triangular prism if their base and height is the same.
- 7.8B height is the same.
- 7.8C I can use models to find the formulas for the circumference and area of circles.
- 7.9A I can find solutions to problems involving the volume of prisms and pyramids (triangles and rectangles).
- 7.9B I can find the circumference and area of circles.
- 7.9C I can solve area problems.
- 7.9C I can find the area of weird shapes (composite) by breaking them down into known shapes.
- 7.9D I can find solutions to problems involving lateral surface area of prisms and pyramids (triangles and rectangles) using nets.
- 7.9D I can find solutions to problems involving total surface area of prisms and pyramids (triangles and rectangles) using nets.
- 7.10A I can read a problem and write an equation for it.
- 7.10A I can read a problem and write an inequality for it.
- 7.10A I can read a problem and tell when it is an equation with one solution.
- 7.10A I can read a problem and tell when it is an inequality with multiple solutions.
- 7.10B I can show how my answers will look on a number line.
- 7.10B I can us a number line to show my answers.
- 7.10C I can look at an equation and create a story to go with it.
- 7.10C I can look at an inequity and create a story to go with it.
- 7.11A I can use models to solve equations.

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- 7.11A I can solve equations.
- 7.11A I can use models to solve inequalities.
- 7.11A I can solve inequalities.
- 7.11B I can figure out if a possible solution is true.
- 7.11C I can write and solve equations for geometry problems.
- 7.11C I can write and solve equations for problems involving angle relationships.
- 7.11C I can write and solve equations for problems involving triangle angles.
- 7.11C I can write and solve equations for geometry problems.
- 7.12A I can compare the shapes, center, and spreads of two dot plots.
- 7.12A I can compare the shapes, center, and spreads of two box plots.
- 7.12B I can draw conclusions about a population given data from a random sample.
- 7.12C I can compare two populations using data from random samples to draw conclusions.
- 7.13A I can find sales tax of a purchase
- 7.13A I can calculate sales tax and income tax.
- 7.13B I can create a budget with categories and calculate the percentage of each category.
- 7.13C I can create a new worth statement.
- 7.13C I can create an assets and liabilities record.
- 7.13D I can create a family budget to determine the minimum income needed to meet basic needs in Denton County.
- 7.13E I can calculate simple interest.
- 7.13E I can calculate simple and compound interest earnings.
- 7.13E I can compare simple and compound interest earnings.
- 7.13F I can compare monetary incentives to determine the best deal.