MATH | GRADE 5

Squares and Rectangles

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House not note one an equipment of the the -24. We could add from three 6+6+6+24.

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selectione of the some number of statices Bill selectione of the some number of multiplicated the the number of cover, we can multiplicated

What is the area of the

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Brow and multiply

20 of th

of rows.

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Example:

Finding the Area of Rectangles

Calvert 5th Grade Math provides students with a thorough overview of basic arithmetic while introducing new concepts in algebra and geometry. Additional lessons on graphing, the metric system, data analysis and probability, and factors prepare students for advanced math courses.

DIVIDING WHOLE NUMBERS AND DECIMAL

Dividing with Money Chad and his three friends are sharing a pizza. Chad and his three friends are sharing a pizza. They want to split the total cost of the bizza were between the four of them. If the total cost of the pizza between to \$14.88, how much will each of them those to con? them have to pay? Money is a very common application of decimal numbers in real life, people handle money, every day. They ney to bay things and pay and they use money with ings and pay living expenses. In this lesson, well salve real life problems, such as the one above, using division.



solving Money Problems Using Division

Let's look back at the pizza problem from the b

al slock back of the biza problem from the beginning of this lesson. Hen so that we can complete the first step of reading the problem carefully.

eries solve this problem using the remaining steps.

• Solve the problem.

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tive (on configure the first step of reading the problem carefully a Orad and his three firends are sharing a pizza. They want to split of the pizza evenly between the four of them. If the total cost of t \$14.88, how much will each of them have to pay?

, let a some war reveau warran warran war safter. • **Identify what you're trying to find**. We work to find ho

 Make a plan. The total cost of \$14.88 needs to **Make a plan**, ine rocal cost of the 14.88 heek friends 50, we should divide \$14.88 by A.

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Check that your

Subtract and bring down the B Multiply 7 x 4. Multiply 3×4

wind the write the provient was denied which is what the proble

Chad and his three frie

Estimate: \$16 - 4 = \$4

Since our answer

Problems Do you remember the steps for solving real-life problems? Knowing what a problem is aking and brains a submit or enking will help you enkine problems more enaily. If you need a review Review: Steps for Solving Real-Life

Do you remember the steps for solving real-life problems? Knowing what a problems as and having a plan for solving will help you solve problems more easily. If you need a revier here is a list of the steps: e is a me sueps: • Read the problem carefully. In fact, you may want to read the problem carefully more than once time. That way, if you miss something the first time, you'll probably catchin the second time. Problems here is a list of the steps:

- Identify what you're trying to find. Before you can think about how to solve a very the one of the trying to find. Before you can think about how to solve a very the one of the trying to find. browen, you name w know what we prover in a want you wind. Make a plan. Once you know exactly what you are trying to find, you can make a plan for entring the nonliner. No was need to add existence multiply or divides the marked
- Make a plan. Once you know exactly what you are trying to find, you can make a plan for solving the problem. Do you need to add, subtract, multiply or divide? Or, maybe a combination of operations? Some of the problems may require you to use more than one onerming. Refere you do any calculation, though, decide which neerming near the pre-strain of the problems in though decide which neerming near the pre-strain of the problems in though decide which neerming near the pre-strain of the problems in though decide which neerming near thousand the problems in though decide which neerming near the problems in though decide which neerming near the problems in the probl combination of operations? Some of the problems may require you to use more than one operation. Before you do any calculating, though, decide which operations, and in what order variual need to use them
- Solve the problem. Finally, you can solve the problem! Follow the plan you made an only three that there may be more than one step in white that there may be more than one step in white the plan you have been and the plan yo Solve the problem. Finally, you can solve the problem! Follow the plan you made and for column sources, Remember that there may be more than one seep in your plan Check that your answer makes sense. Go back to the original problem and check that **Check that your answer makes sense.** Go back to the original problem and check that Your answer makes sense. Did you find the answer that the problem was asking you to find? Does the number that you found make sense in the problem? You may want to revend the numbers and estimate in order to check your answer. Or to check your to find? Does the number that you found make sense in the problem? You may want to round the numbers and estimate in order to check your answer. Or, to check your
 - to round the numbers and estimate in order to check your answer Or, Go division, you can multiply the quotient by the divisor to get the dividend.

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GRADE 5 | MATH

Scope & Sequence

PLACE VALUE, ADDITION, AND SUBTRACTION

- Place value
- Rounding and estimating
- Addition

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Unit

Subtraction

MULTIPLYING WHOLE NUMBERS AND DECIMALS

- Multiplying whole numbers
- Powers
- Multiplying decimals

DIVIDING WHOLE NUMBERS AND DECIMALS

- One-digit divisors
- Two-digit divisors
- Decimal division

ALGEBRA AND GRAPHING

- Expressions
- Functions
- Equations
- Graphing

PLANE SHAPES AND SYMMETRY

- The metric system
- The customary system
- Time
- Temperature

FACTORS AND FRACTIONS

• Factors

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Unit

- Equivalent fractions
- Fractions

FRACTION OPERATIONS

- Like denominators
- Unlike denominators
- Multiplying fractions
- Dividing fractions

DATA ANALYSIS AND PROBABILITY

- Collecting data
- Analyzing data
- Displaying data
- Probability

GEOMETRY

- Geometry
- Classifying plane figures
- Classifying solid figures
- Transformations
- Symmetry

PERIMETER, AREA, AND VOLUME

- Perimeter
- Area
- Surface area
- Volume