
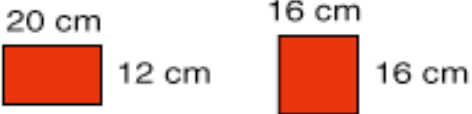


Task Sort: Grades 6-8

<p>A The ratio of the length of a rectangle to its width is 4 to 3. Its area is 300 square inches. What are its length and width?</p>	<p>B Create a real-world situation for the following problem:</p> $\frac{3}{4} \div \frac{1}{2} =$ <p>Solve the problem you have created without using the rule, and explain your solution.</p>
<p>C Using the side of a square pattern tile as a measure, find the perimeter of, or distance around, each train in the pattern-block figure shown.</p> 	<p>D What is the rule for multiplying fractions?</p>
<p>E A length of string that is 180 cm long is cut into 3 pieces. The second piece is 25% longer than the first, and the third piece is 25% shorter than the first. How long is each piece?</p>	<p>F Find the area and perimeter of each rectangle:</p> 
<p>G Find $\frac{1}{6}$ of $\frac{1}{2}$. Use pattern blocks. Draw your answer and explain your solution.</p>	<p>H Find the sum of the following:</p> $\frac{2}{3} + \frac{4}{5} =$