

Proportional Relationships

NAME: _____

Problem	Ratio in Words	Set up Proportion & Solve	Your Solution (in a complete sentence)				
<p>EXAMPLE:</p> <p>DVD's cost \$12 for 4. How much do 16 DVD's cost?</p>	$\frac{\text{money}}{\text{DVD's}}$	<table border="1" data-bbox="834 317 1045 533"><tr><td>12</td><td>x</td></tr><tr><td>4</td><td>16</td></tr></table>	12	x	4	16	Sixteen DVD's cost \$48.
12	x						
4	16						
1) You need 4 pounds of beef to make 14 tacos. How many tacos can you make with 6 pounds of beef?							
2) It takes you 4 hours to drive 300 miles. How far can you drive in 10 hours?							
3) Liam sent 120 texts in the last 12 days. At that rate, how many texts would she send in 30 days?							
4) A recipe for M&M's cookies requires 2 cups of M&M's to make 12 cookies. How many cookies can be made with 7 cups of M&M's?							

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5) The ratio of boys to girls in a class is 5 to 4. If there are 15 boys, how many girls are there?			
6) The ratio of adult tickets to child tickets sold at a movie theater is 9 to 2. If 80 children attended a movie on Sunday, how many adults attended?			
7) A recipe calls for 6 pickles to make 8 servings of pickle pie. If you need to make 36 servings, how many pickles do you need?			
8) Amber spent \$6 on 4 giant Reese's PB Cups. How much would it cost for her to buy 30 giant Reese's PB Cups?			
9) Donald Duck drove 300 km in 4 hours. At this rate, how far could he drive in 5 hours?			

Rate Yourself! (Circle one of the emojis below.)

 <p>I get it and I can teach my friends!</p>	 <p>I get it and can explain it! I only know the way you taught me.</p>	 <p>I kind of- sort of get it. I can do the easy parts, but need help to do the rest.</p>	 <p>I DON'T GET IT! Even with help, I am having trouble.</p>
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