



Ratios, Proportions & Percents

Math

Name _____ Class _____ Date _____

1 Which **proportion** represents the following? Check the answer.

five is to fifteen as three is to nine

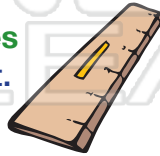
- $5/3 = 15/9$ $5/15 = 3/9$
 $15/5 = 9/3$ $5/9 = 15/3$

6 If Sarah needs **3 cups of flour** for **2 batches** of cookies, how many cups of flour does she need for **18 batches** of cookies?

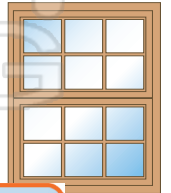
- 12 19
27 36



2 The ratio **27 inches** is to **6 inches** is equal to **which ratio**? Circle it.



7 Two windows are **similar**. The taller window measures **67 cm x 115 cm** (b x h). If the **base** of the shorter window is **45 cm**, what approximately is



3



PREVIEW

4

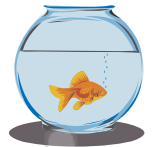
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5 The proportion, $6/8 = x/36$, can be solved using the **Cross Product Property**. Which **equation** correctly represents the Cross Product Property?

- $6 \cdot 8 = x \cdot 36$ $6 \cdot 36 = 8 \cdot x$
 $6 \cdot x = 8 \cdot 36$ $6 + 36 = 8 + x$

buy a **tetra**, to the nearest hundredth?

- .47 .13 .26 .08



10 If **60 people out of 200** own a truck, what is the **probability** that **any one person** owns a truck?

- .3 .03
.35 .06





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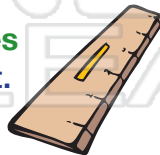
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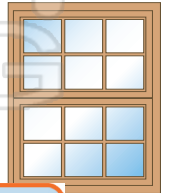
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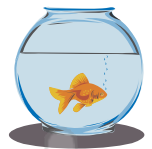
4

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$\frac{289.5}{4.5} = 63 \text{ mph}$

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