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Wording for the legal statement above is adapted from the legal statement for *Trigonometry*, published in 2009 by The CK-12 Foundation: <http://about.ck12.org/>

* Note: The accompanying Powerpoint is called “2.3 Bellwork—Powerpoint”. It frees you to walk around the room, praising and prompting students while they work. Using a remote mouse clicker, you can slowly display the answers. Time it so each answer appears soon after most students have finished that question.

**2.3 Bellwork**

1).Example**:**

$$ \frac{8}{20}=\frac{x}{100}$$

$$ \frac{8}{20}=\frac{x}{100}$$

• 5

$$ \frac{8}{20}=\frac{x}{100}$$

• 5

• 5

$$ \frac{8}{20}=\frac{x}{100}$$

• 5

• 5

• ?

x = 40

**Step 1**

**Step 2**

**Step 3**

**Step 4**

40

Question: How would you solve the problem differently if it said $\frac{8}{20}=\frac{x}{60}$ ?

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A grade of 15 out of 25 is what percent?

$$\frac{ }{}=\frac{ }{}$$

$ \frac{3 questions right}{7 questions total}=\frac{18 questions right}{x}$

**2).**

**3).**

$ \frac{x}{50 shots taken}=\frac{80 shots made}{100 shots taken}$

**5).**

Example: You have 3 pizzas for 12 people. How many pizzas per person do you have?

In 3 minutes, you earned $4.50. On average, what did you earn per minute?

**4).**

**6).**

$\frac{3 pizzas}{12 people}$

0.25 pizzas

person

Why is the 12 in the denominator?

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Can you describe how much pizza this is for each person?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Step 1:**

**Step 2:**

Write your answer as a percent: \_\_\_\_\_\_\_\_