

Percents

You must earn 6 points!

Write the percent as a fraction or mixed number in simplest form.

1. 25%

2. 44%

3. 120%

1

point

Write the fraction or mixed number as a percent.

4. $\frac{6}{25}$

5. $\frac{9}{50}$

6. $2\frac{4}{25}$

Solve each word problem.

7. Describe and correct the error in writing 8% as a fraction.

$\times \quad 8\% = \frac{8}{10} = \frac{4}{5}$

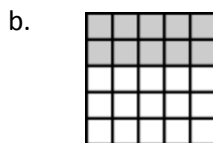
2

points

8. At the age of 4 months, a puppy's weight is 275% of its weight at the age of 2 months. How many times heavier is the puppy at 4 months than at 2 months? Write your answer as a mixed number in simplest form.

9. Only 6 of the 75 trees in a park are at least 30 feet tall. What percent of the trees are under 30 feet tall?

10. Write a fraction and percent to represent the shaded portion of the model.



Reflecting Back

You must complete ALL 6 problems!

1. Multiply.

$$3.128 \times 2.45$$

2. Use $<$, $>$, or $=$ to compare.

a. -42 10

b. 20 $|-20|$

3. Determine the value.

a. $|-24|$

b. $|8|$

4. Write the ordered pair for points A, B, C and tell what quadrant they are in as well.

Point A

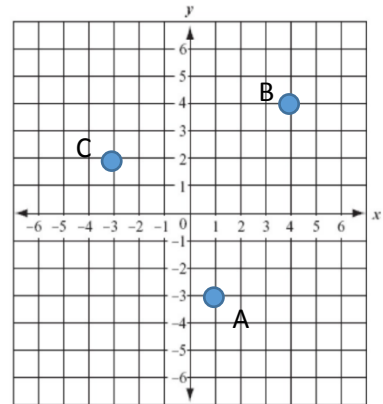
Quadrant:

Point B

Quadrant:

Point C

Quadrant:



5. Divide.

$$7\frac{3}{4} \div 1\frac{5}{8}$$

6. Evaluate the expression.

$$3^3 - 6(6 - 2)$$