Pre-Algebra Homework 13 Quiz   First Name_____ Last _____

1. Simplify each expression.

a) $6(1 + 4 \cdot 5)$

b) $9 - 14 - (-3)$

2. Julie keeps track of how long it takes her to do the newspaper's sudoku each day. Her recent times, in minutes, were: 7   22   20   12   10   20

a) What is the median of her data?

b) What is the range?

3. a) $\frac{3}{4} \div 1\frac{2}{3}$

b) $3\frac{1}{2} \cdot 2\frac{2}{3}$

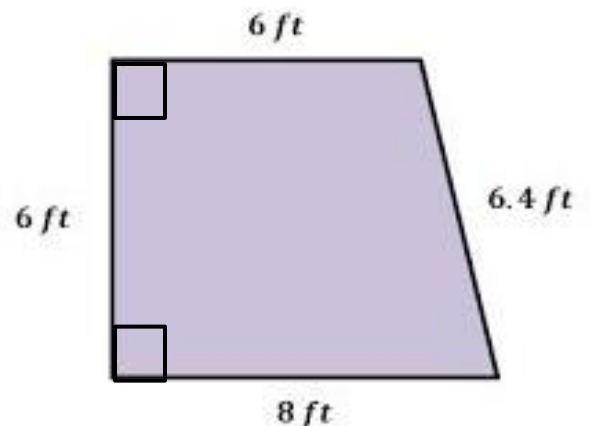**4.** Evaluate each expression when a = -10, b = 5, x = 8, and y = -3.

a) ba^2

b) $y^3 - y^2$

5. Find the area and perimeter of the figure.

Area =

Perimeter =

Answers on next page

6 ft

6 ft

6.4 ft

8 ft

1. a) 126   b) -2

2. a) 16   b) 15

3. a) $\frac{9}{20}$ b) $9\frac{1}{3}$

4. a) 500   b) -36

5. Area = 42 ft^2
Perimeter = 26.4 ft