Pre-Algebra Homework 11 Quiz   First Name_____ **Last** _____

1. Evaluate each expression when x = 3 and y = 5.

a) $4x - 3y + 7$ **b)** $2y^2$

2. Simplify each expression. *Show your work.*

a) $3\frac{3}{5} \cdot 4\frac{1}{6}$ **b)** $\frac{2}{3}$ of 16

3. Find the range and median of the values: 12, 4, −2, 0, 9, −2, 1, 7, 9, 2.
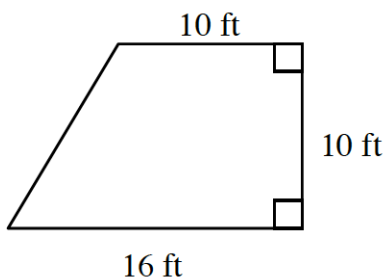
Range =

Median =

4. Simplify each expression. *Show your work.*

a) $2 + 8(9 - 5)$ **b)** $2 + 8 \cdot 9 - 5$

5. Dante is ordering wood flooring for his bedroom, which is shaped like a trapezoid (shown below). If the flooring materials cost $8 per square foot, how much should he expect to pay for the materials?

10 ft

10 ft

Answers on next page.

16 ft

Answers

1. a) 4   b) 50

2. a) 15   b) $10\frac{2}{3}$

3. Range = 14
   Median = 3

4. a) 34   b) 69

5. $1040