Pre-Algebra Homework 17 Quiz   First Name_____ **Last** _____

1. Leviticus keeps track of how many pencils he picks up each day in the hall. His most recent data is listed here: 22   13   18   20   22
a) Were there any outliers? If so, list them. If not, explain why.

b) Find the mean.   **c)** Find the median.   d) Find the range.

2. What is the probability of rolling a 4 on a dice? Write your answer as a percent.

3. Evans's Candy Corral is having a sale. Four pounds of gummy bunnies are selling for $10.
a) How much will ten pounds cost?   **b)** What is the unit rate for gummy bunnies?

4. Evaluate each expression when a $= -6$, b $= 6$, x $= 11$, and y $= -5$.
a) b $-$ x $-$ y   **b)** a $+$ x(y $-$ b)

5. Simplify each expression.
a) $\frac{2}{3}$ of $1\frac{2}{3}$ **b)** $10 \div 1\frac{1}{4}$

Answers on next page.

Answers

1. a) Explain your opinion.   b) 19   c) 20   d) 9

2. $16.\overline{6}\%$

3. a) $25   b) $2.50/pound

4. a) 0   b) -127

5. a) $1\frac{1}{9}$ b) 8