Pre-Algebra Homework 14 Quiz   First Name_____ **Last** _____

1. a) $6.5 \div 0.002$ **b)** $(0.11)(0.22)$

2. Write the mathematical property that justifies that step.
   a) $8 \cdot (-6) \cdot (5) = (-6) \cdot 5 \cdot (8)$
   b) $15 + 5 + 19 + 1 = (15 + 5) + (19 + 1)$
   c) $7(234) = 7(200) + 7(30) + 7(4)$
   d) $9 \cdot 8 \cdot 7 = 9 \cdot (8 \cdot 7)$

3. a) $5 \div 3\frac{1}{3}$ **b)** $3\frac{1}{3} \div 5$

4. Evaluate each expression when a = 3, b = −4, x = 7, and y = −10.
a) $a + x(b - y)$ **b)** $y^2 - y$

5. Paige traveled to Australia and is making her favorite bread recipe. She usually bakes the bread in a 232°F oven. She is surprised to learn that the oven temperatures in Australia are measured in degrees Celsius. Using the formula on the right and the Order of Operations, help Paige determine how she should set the oven, to the nearest whole degree Celsius.

$$\frac{5(F-32)}{9}$$

Answers on next page.

Answers

1. a) 3250   b) 0.0242

2. a) Commutative or Associative
   b) Associative
   c) Distributive
   d) Associative

3. a) $1\frac{1}{2}$ b) $\frac{2}{3}$

4. a) 45   b) 110

5. 111° C