

**King Fahd University of Petroleum and Minerals**  
**Prep-Year Math Program**  
**Math 001- Term 061 A**

**Name:** \_\_\_\_\_ **S/N:** \_\_\_\_ **ID:** \_\_\_\_\_ **Sec:** \_\_\_\_

**Question1:** Complete the following sentences

- 1) In the fraction  $\frac{a}{b}, b \neq 0$  the number **a** is called numerator and the number **b** is called denominator.
  
- 2) The property of real numbers illustrated in the statement:  $a + (b + c) = (b + c) + a$  is called commutative property of addition.
  
- 3) The reciprocal of the number  $-2\frac{1}{3}$  is equal to  $-\frac{3}{7}$ .
  
- 4) If  $A = \{y \mid y = x - 1, x \text{ is a prime number} < 10\}$ , then the elements of the set  $A$  are  $\{1, 2, 4, 6\}$ .
  
- 5) The expression  $|5x - 3| + |x - 4|, 1 < x < 2$  written without the absolute value notation is equal to  $5x - 3 - x + 4 = 4x + 1$ .