

Name: _____ Number: _____ Homeroom: _____ Date: _____

NO CALCULATORS. MUST SHOW ALL YOUR STEPS AND YOUR WORK.

1. Evaluate. You may leave the answer as a fraction or an improper fraction. **MUST** write the fraction in the simplest form. (1 point each)

A) $22.06 + 1.249 =$

B) $3.08 - 0.12 =$

C) $-0.23 - 5.67 =$

D) $-3.06 + 2 =$

E) $-55 + (-5) =$

F) $-2.608 \times 1.2 =$

G) $\frac{6}{7} \times \frac{14}{3} =$

H) $\frac{1}{2} \times 11 =$

I) $\frac{9}{2} \div \frac{2}{3} =$

J) $\frac{3}{7} - \frac{2}{3} =$

K) $\frac{1}{2} + \frac{4}{7} =$

L) $\frac{3}{5} - \frac{5}{3} =$

2. Solve. Must Show ALL Steps and ALL your work. (1 point each)

A) $2x - 1 = 11$

B) $-3x + 2 = 14$

C) $2x - 5 = x + 15$

D) $2(x - 6) = 3x - 20$

3. Solve percent problems using $\frac{a}{b} = \frac{P}{100}$ model ("a" is part, "b" is whole, it comes after "of" and P is percent). (1 point each)

A) What is 22% of 40?

B) 20 is what percent of 100?

C) 80 is 8% of what number?

4. You work as a baby-sitter for \$10.50 per hour. If you work 30 hours last week, how much did you make? (2 points)

5. Calculate the perimeter and area of the shaded region? **SHOW ALL YOUR WORK and WRITE CORRECT UNITS.** (2 points)

Perimeter

Area

