Name _____

Date _____

1. Perform the indicated operations:
   a)   2405 - 387

   1a. _____

   b)   308 x 210

   1b. _____

2. Divide and write the remainder as a fraction:
   3889 ÷ 19

   2. _____

3. Find the value of $\sqrt{144}$

   3. _____

4. Reduce to lowest terms:

   $\dfrac{48}{84}$

   4. _____

5. Perform the indicated operations:

   a) $\dfrac{4}{9} \div \dfrac{3}{9}$

   5a. _____

   b) $2\dfrac{1}{6} - 1\dfrac{2}{3}$

   5b. _____

6.   Perform the indicated operations:

   a)   3.9 + .35

6a. _____

   b)   7.5 ÷ .25

6b. _____

7.   Round to two decimal places:
     17.4787

7. _____

8.   a) Write $2\frac{1}{4}$ as an improper fraction.

8a. _____

   b) Write $2\frac{1}{4}$ as a decimal.

8b. _____

9.   Write .375 as a percent number.

9. _____

10.   Find 15% of 250

10. _____

Part II

1.   Write 12 to 40 as a ratio in simplest form.   1. _____

2.   Solve for B:
      $$\frac{3}{8} = \frac{B}{10}$$

                                                                      2. _____

3.   6 is 20% of what number?

                                                                      3. _____

4.   54 inches = _____ feet

                                                                      4. _____

5.   If a rectangle has a width of 5 feet and a length of 8 feet,
      find its area.

                                                                      5. _____

6. Simplify:

   a)   -3 - 6   6a. _____

   b)   -3 - (-6)   6b. _____

7. Simplify:

   a)   3 (-6)   7a. _____

   b)   -3 (-6)   7b._____

8. Which of the following cannot be simplified?

   a) $x^2 (x)$

   b) $x^2 + x$

   c) $x^2 + x^2$ 8. _____

9. Simplify:

   a)   2x + x   9a. _____

   b)   2x (x)   9b. _____

10. Solve for x: 5x − 8 = 12

                                                     10. _____