

1. Perform the indicated operations:

a) $2405 - 387$

1a. _____

b) 308×210

1b. _____

2. Divide and write the remainder as a fraction:

$3889 \div 19$

2. _____

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

3. _____

4. Reduce to lowest terms:

$$\frac{48}{84}$$

4. _____

5. Perform the indicated operations:

a) $\frac{4}{9} \div \frac{3}{2}$

5a. _____

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

5b. _____

6. Perform the indicated operations:

a) $3.9 + .35$

6a. _____

b) $7.5 \div .25$

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. Find 15% of 250.

9. _____

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

10. _____

Part II

1. Simplify:

a) $-3 - 6$

1a. _____

b) $-3 - (-6)$

1b. _____

2. Simplify:

a) $3(-6)$

2a. _____

b) $-3(-6)$

2b. _____

3. Which of the following cannot be simplified?

a) $x^2(x)$

b) $x^2 + x$

c) $x^2 + x^2$

3. _____

4. Simplify:

a) $2x + x$

4a. _____

b) $2x(x)$

4b. _____

5. Factor out all common factors:

$2ax - 2x^2$

5. _____

6. Factor:

$x^2 - 5x - 6$

6. _____

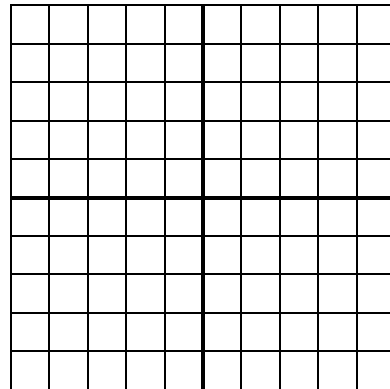
7. Solve for x:

$$4x + 18 = 10$$

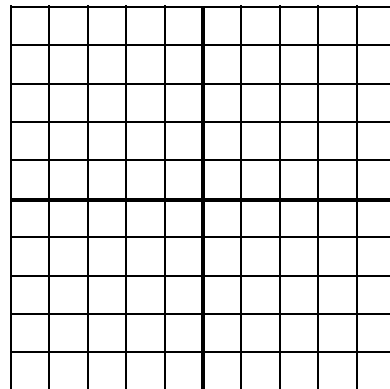
7. _____

8. Plot the points in the number plane:

- a) (0, 3)
- b) (-2, 0)
- c) (3, -2)



9. Draw the graph of $x - y = 3$



10. Three times a number is fifty-two plus the number.
Find the number.

10. _____