## **The Four Operations**

- 1. Write two addition and two subtraction sentences with the same numbers. Remember, x stands for a number, too. We just don't know what it is yet.
- **a.** 1,200 + 95 = \_\_\_\_ + \_\_\_\_ = \_\_\_\_
- b. x = 12030 +
- C. \_\_\_\_ + \_\_\_ = \_\_\_\_ 2,000 - x = 823
- 2. Write **two multiplication** and **two division** sentences with the same numbers/letters.
- 3 × 400 = \_\_\_\_ × \_\_\_ = \_\_\_ ÷ =
- b.  $30 \times N = 150$ \_\_\_\_ × \_\_\_ = \_\_\_\_ \_\_\_\_ ÷ \_\_\_ = \_\_\_\_
- c. \_\_\_\_ = \_\_\_\_  $240 \div N = 40$

- 3. Solve. You can use the opposite operation.
  - **a.** 1,293 + a = 11,028
- **b.** y + 2,803 = 45,392
- **c.** b + 130 + 50 = 250

**d.**  $7 \times N = 728$ 

**e.**  $M \times 2 = 252$ 

- **f.**  $20 \times N = 1.000$
- 4. You WON'T need the opposite operation now. Figure out a METHOD to solve for x or y.

**a.** 
$$10 - x = 7$$

**b.** 
$$x - 8 = 4$$

**c.** 
$$y \div 5 = 3$$

$$100 - x = 34$$

$$x - 20 = 130$$

$$y \div 10 = 34$$

$$1,283 - x = 595$$

$$x - 2,938 = 4,083$$

5. Compare without calculating.

**c.** 
$$\frac{1260}{3}$$
 1,260 - 3