

1. Bethany read 7 fewer books this summer than Jess.

- a) If Jess read 12 books, how many did Bethany read? SHOW HOW YOU GOT YOUR ANSWER.
- b) If Jess read b books, write an expression to represent the number of books Bethany read.

2. The department store sells T-Shirts for \$15 per shirt.

- a) If Sam bought 4 shirts, how much did he spend? SHOW HOW YOU GOT YOUR ANSWER.
- b) If Sam bought t shirts, write an expression to represent the amount of money Sam will spend.

3. The width of a box is half as long as the length.

- a) If the length is 18 inches, how long is the width? SHOW HOW YOU GOT YOUR ANSWER.
- b) If the length is represented by x , write an expression to represent the width.
- c) **Challenge:** If the width is represented by y , write an expression to represent the length.

4. Roscoe had c number of baseball cards in his collection. Today he went and bought 15 more baseball cards. Write an expression in terms of c for the number of cards he has now.

5. Jeremy bought 5 CD's and a \$12 DVD. If c represents the cost of a single CD, write an equation that represents the total cost.
6. At a birthday party there were 20 balloons. A few of the kids decided to pop b balloons so the parents blew up another 6 balloons. Write an expression to represent how many balloons there are now.
7. Sarah is saving money to take a trip to Oregon. She received \$450 in graduation gifts and saves \$120 per week working. Write an expression to represent how much Sarah saves after w weeks.
8. A package of pencils contains 12 pencils. Billy bought p packages of pencils but gave 10 pencils to his friend. Write an expression that represents the number of pencils Billy has left.

1. Bethany read 7 fewer books this summer than Jess.

- a) If Jess read 12 books, how many did Bethany read? SHOW HOW YOU GOT YOUR ANSWER.

$$12 - 7 = 5$$

- b) If Jess read b books, write an expression to represent the number of books Bethany read.

$$b - 7$$

2. The department store sells T-Shirts for \$15 per shirt.

- a) If Sam bought 4 shirts, how much did he spend? SHOW HOW YOU GOT YOUR ANSWER.

$$15 \cdot 4 = \$60$$

- b) If Sam bought t shirts, write an expression to represent the amount of money Sam will spend.

$$15 \cdot t$$

3. The width of a box is half as long as the length.

- a) If the length is 18 inches, how long is the width? SHOW HOW YOU GOT YOUR ANSWER.

$$18 \div 2 = 9 \text{ inches}$$

- b) If the length is represented by x , write an expression to represent the width.

$$x \div 2$$

- c) **Challenge:** If the width is represented by y , write an expression to represent the length.

$$2 \cdot y$$

4. Roscoe had c number of baseball cards in his collection. Today he went and bought 15 more baseball cards. Write an expression in terms of c for the number of cards he has now.

$$c + 15$$

5. Jeremy bought 5 CD's and a \$12 DVD. If c represents the cost of a single CD, write an equation that represents the total cost.

$$5 \cdot c + 12$$

6. At a birthday party there were 20 balloons. A few of the kids decided to pop b balloons so the parents blew up another 6 balloons. Write an expression to represent how many balloons there are now.

$$20 - b + 6$$

7. Sarah is saving money to take a trip to Oregon. She received \$450 in graduation gifts and saves \$120 per week working. Write an expression to represent how much Sarah saves after w weeks.

$$450 + 120 \cdot w$$

8. A package of pencils contains 12 pencils. Billy bought p packages of pencils but gave 10 pencils to his friend. Write an expression that represents the number of pencils Billy has left.

$$12 \cdot p - 10$$