

**STUDY LINK**  
**3•11**

# Open Sentences



Write T if the number sentence is true and F if the number sentence is false.

1.  $35 = 7 * 5$  \_\_\_\_\_

2.  $43 > 34$  \_\_\_\_\_

3.  $25 + 25 < 50$  \_\_\_\_\_

4.  $49 - (7 \times 7) = 0$  \_\_\_\_\_

Make a true number sentence by filling in the missing number.

5. \_\_\_\_\_ =  $12 / (3 + 3)$

6.  $(60 - 28) / 4 =$  \_\_\_\_\_

7.  $(3 \times 8) \div 6 =$  \_\_\_\_\_

8.  $30 - (4 + 6) =$  \_\_\_\_\_

Make a true number sentence by inserting parentheses.

9.  $4 * 2 + 10 = 18$

10.  $16 = 16 - 8 * 2$

11.  $27 / 9 / 3 = 1$

12.  $27 / 9 / 3 = 9$

Find the solution of each open sentence below. Write a number sentence with the solution in place of the variable. Check to see whether the number sentence is true.

**Example:**  $6 + x = 14$

**Solution:** 8

**Number sentence:**  $6 + 8 = 14$

| Open sentence     | Solution | Number sentence |
|-------------------|----------|-----------------|
| 13. $12 + x = 32$ | _____    | _____           |
| 14. $s = 200 - 3$ | _____    | _____           |
| 15. $5 * y = 40$  | _____    | _____           |
| 16. $7 = x / 4$   | _____    | _____           |

**Practice**

17.  $366 + 7,565 =$  \_\_\_\_\_

18.  $3,238 + 9,784 =$  \_\_\_\_\_

19.  $9,325 - 756 =$  \_\_\_\_\_

20.  $4,805 - 2,927 =$  \_\_\_\_\_