

## 28

## Number Sentences

1.B.2.a 1.B.2.b

**Example**

Amit is given the number sentence below.

$$30 \bullet 15 + 8$$

Which symbol should go in the circle to make the number sentence correct?

- |     |   |     |   |
|-----|---|-----|---|
| (A) | + | (C) | = |
| (B) | > | (D) | < |

**Example**

Jose is given the number sentence below.

$$4 + \blacksquare = 7$$

Which number should go in the box to make the number sentence correct?

- |     |   |     |    |
|-----|---|-----|----|
| (A) | 3 | (C) | 11 |
| (B) | 4 | (D) | 12 |

**Thinking It Through**

One side has 30. The other side you can find by adding  $15 + 8 = 23$ .

Now you can compare the two numbers.

$$30 \bullet 23$$

Since 30 is greater than 23, the symbol  $>$ , *answer B* is correct.

**Thinking It Through**

Use subtraction to find the missing number.

$$7 - 4 = 3$$

If you know that  $7 - 4 = 3$ , you know that  $4 + 3 = 7$ , *answer A*.

**Review**

- To solve an equation, you can use inverse operations. In the second example, you used subtraction to find the missing number to an addition sentence.
- A number sentence can show that two quantities are not equal. One quantity can be less than or greater than another quantity. For example,  $6 - 2 > 3$  and  $5 + 4 < 10$ .

# Number Sentences

Directions: Mark the circle with the letter of the best answer.

- 1** Mia is given the number sentence below.

$$5 \bullet 3 = 8$$

Which symbol should go in the circle to make the number sentence correct?

- (A) +
  - (B) -
  - (C) ×
  - (D) ÷
- 2** Heather is given the number sentence below.

$$8 + \blacksquare = 13$$

Which number should go in the box to make the number sentence correct?

- (F) 4
- (G) 5
- (H) 6
- (J) 21



You can use an inverse operation to find the missing number. Try subtracting 8 from 13.

- 3** Tony is given the number sentence below.

$$7 + 9 \bullet 17$$

Which symbol should go in the circle to make the number sentence correct?

- (A) =
- (B) >
- (C) <
- (D) +



First add 7 and 9. Then you can see if the sum is equal to, greater than, or less than 17.

- 4** Matt is given the number sentence below.

$$\blacksquare - 5 = 9$$

Which number should go in the box to make the number sentence correct?

- (F) 4
- (G) 5
- (H) 13
- (J) 14