

Name \_\_\_\_\_ Date \_\_\_\_\_

# Problem Solving

Skill 3 - 6E

## Missing Addends

Example

Victoria has 5 seashells. A friend gives her some more seashells. Now Victoria has 12 seashells.

Write an equation that shows the problem.

First sentence.

Victoria has 5 sea shells.

Start the equation with the number 5

5

Second sentence.

A friend gives her some more seashells.

We do not know how many. So draw a box for the missing addend.

$$5 + \square$$

Third sentence.

Now Victoria has 12 seashells.

Write 12 after the equal sign.

$$5 + \square = 12$$

The equation says 5 plus "how many" equals 12 (the number of shells she now has)

Next, write a related subtraction sentence to find the missing addend.

The related subtraction sentence is  $12 - 5 = 7$  Now you can

write the missing addend in the box in your equation.

$$5 + \boxed{7} = 12$$

## Problem Solving

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#### Missing Addends

**Directions:** Read the word problem.

Choose the number sentence that shows the problem.

Find the missing addend. (use a related subtraction fact) Write the addend in the box.

1. Jordan loves to fly kites. He has 6 kites. A friend gives him some more kites. Now Jordan has 12 kites.

Which number sentence can you use to find out how many kites Jordan's friends bought for him?

**A.**  $12 + \square = 15$

**B.**  $12 - \square = 10$

**C.**  $6 + \square = 12$

**D.**  $6 - \square = 4$

Write a related subtraction sentence here \_\_\_\_\_

Use this equation to find the missing addend and write the answer in the box above.

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2. Ethan has 7 baseball hats. A friend gives him some more hats. Now Ethan has 15 baseball hats.

Which number sentence can you use to find out how many baseball hats Ethan's friend gave him?

**A.**  $15 + \square = 7$

**B.**  $7 + \square = 15$

**C.**  $15 - \square = 5$

**D.**  $15 - \square = 9$

Write a related subtraction sentence here \_\_\_\_\_

Use this equation to find the missing addend and write the answer in the box above.

## Problem Solving

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### Missing Addends

**Directions:** Read the word problem.  
Choose the number sentence that shows the problem.  
Find the missing addend. (use a related subtraction fact) Write the addend in the box.

3. Maria has 8 paperback books. A friend gives her more books. Now Maria has 12 books.

Which number sentence can you use to find out how many books Maria's friend gave her?

A.  $12 + \square = 15$

B.  $12 - \square = 10$

C.  $8 + \square = 12$

D.  $8 - \square = 5$

Write a related subtraction sentence here \_\_\_\_\_

Use this equation to find the missing addend and write the answer in the box above.

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4. Savannah has 8 marbles. A friend gives her some more marbles. Now Savannah has 16 marbles.

Which number sentence can you use to find out how many marbles Savannah's friend gave her?

A.  $8 + \square = 18$

B.  $8 + \square = 16$

C.  $16 - \square = 6$

D.  $8 - \square = 4$

Write a related subtraction sentence here \_\_\_\_\_

Use this equation to find the missing addend and write the answer in the box above.

## Problem Solving

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### Missing Addends

**Directions:** Read the word problem.  
Choose the number sentence that shows the problem.  
Find the missing addend. (use a related subtraction fact) Write the addend in the box.

5. Angel likes to collect stamps. He has 10 stamps. A friend gives him some more stamps. Now Angel has 20 stamps in all.

Which number sentence can you use to find out how many stamps Angel's friend gave him?

A.  $20 + \square = 30$

B.  $10 - \square = 5$

C.  $20 - \square = 15$

D.  $10 + \square = 20$

Write a related subtraction sentence here \_\_\_\_\_

Use this equation to find the missing addend and write the answer in the box above.

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6. Caleb collects toy cars. He has 15 toy cars. A friend gives him some more toy cars. Now Caleb has 21 toy cars in all.

Which number sentence can you use to find out how many toy cars Caleb's friends gave him?

A.  $15 + \square = 21$

B.  $21 + \square = 30$

C.  $15 - \square = 10$

D.  $30 - \square = 15$

Write a related subtraction sentence here \_\_\_\_\_

Use this equation to find the missing addend and write the answer in the box above.

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#### Missing Addends

**Directions:** Read the word problem.  
Write a number sentence that shows the problem.

7. Jasmine has 18 comic books. A friend gives her some more comic books.  
Now Jasmine has 25 comic books.

Write a number sentence that you can use to find out how many comic books Jasmine's friend gave her. Write a related subtraction sentence to find missing addend.

Write a number sentence here.

8. Gene has 25 apples. A friend gives him some more apples. Now he has 32 apples.

Write a number sentence that you can use to find out how many apples Gene's friend gave him. . Write a related subtraction sentence to find missing addend.

Write a number sentence here.

9. Ryan has 18 movies. A friend gives him more movies. Now he has 37 movies.

Write a number sentence that you can use to find out how many movies Ryan's friend gave him. . Write a related subtraction sentence to find missing addend.

Write a number sentence here.

Answer Key  
Skill 3 - 6E

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1. C.  $6 + \square = 12$  Write a related subtract fact to find the missing addend.  
A related subtraction fact is  $12 - 6 = 6$ . 6 is the missing addend.

2. B.  $7 + \square = 15$  Related subtraction fact  $15 - 7 = 8$  8 is the missing addend.

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3. C.  $8 + \square = 12$  Related subtraction fact  $12 - 8 = 4$  4 is the missing addend.

4. B.  $8 + \square = 16$  Related subtraction fact  $16 - 8 = 8$  the missing addend is 8

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5. D.  $10 + \square = 20$  Related subtraction fact  $20 - 10 = 10$  the missing addend is 10

6. A.  $15 + \square = 21$  Related subtraction fact  $21 - 15 = 6$  the missing addend is 6

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7.  $18 + \square = 25$   $25 - 18 = 7$  the missing addend is 7

8.  $25 + \square = 32$   $32 - 25 = 7$  the missing addend is 7

9.  $18 + \square = 37$   $37 - 18 = 19$  the missing addend is 19