

# Answer Key • Lesson 1: Adding Strategies

## Find the Missing Numbers

Find the missing numbers. Be ready to explain your strategies.

9. A.  $\square = 10 + 6$       B.  $\square = 20 + 6$   
 C.  $7 + 6 = \square + 6 + 6$       D.  $7 + 6 = \square + 4 + 6$   
 E.  $7 + 6 = \square + 3$       F.  $17 + 6 = 20 + \square$

10. Show or tell your strategy for Question 9C.

11. A.  $\square = 20 + 4$       B.  $6 + 8 = 7 + \square$   
 C.  $6 + 8 = 6 + \square + 4$       D.  $6 + 8 = 4 + \square + 8$   
 E.  $6 + 8 = \square + 4$       F.  $16 + 8 = \square + 4$

12. Show or tell your strategy for Question 11F.

### ✓ Check-In: Questions 13-14

13. A.  $9 + 6 = \square + 9$       B.  $\square + 6 = 7 + 7$   
 C.  $17 + 3 + \square = 6 + 20$       D.  $9 + 4 = \square + 3$   
 E.  $8 + \square + 2 = 9 + 3$       F.  $8 + 4 = \square + 5$

14. Show or tell your strategy for one of the problems in Question 13.

Use the *Using Addition Strategies* page in the *Student Activity Book* to practice adding with the making-tens strategy.

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

## Using Addition Strategies



1. Find the missing numbers. You may use the *Number Lines 0–30* page to help you solve the problems.

- A.  $\square = 10 + 2$       B.  $22 = \square + 2$   
 C.  $8 + 4 = 8 + \square + 2$       D.  $8 + 4 = \square + 2$   
 E.  $6 + \square = 8 + 7$       F.  $18 + 4 = 20 + \square$

2. Show or tell how you solved Question 1F.

3. Draw a circle around the numbers that make tens in the first problem in each pair. Then complete both number sentences. The first one is an example.

- Ex.  $(6 + 4) + 2 = \square$        $10 + (2) = 12$   
 A.  $4 + 7 + 3 = \square$        $4 + \square = 14$   
 B.  $5 + 11 + 9 = \square$        $\square + 20 = 25$   
 C.  $18 + 2 + 6 = \square$        $\square + 6 = 26$   
 D.  $25 + 5 + 2 = \square$        $30 + \square = 32$   
 E.  $5 + 21 + 9 = \square$        $5 + \square = 35$

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\*Answers and/or discussion are included in the lesson.

9. A. 16      B. 26  
 C. 1      D. 3  
 E. 10      F. 3

10. Answers will vary: Possible response: I think of doubles.  $6 + 6 = 12$ , so I know  $7 + 6$  is one more than 12. I put a 1 in the box so that both sides of the equation equal 13.

11. A. 24      B. 7  
 C.\* 4      D. 2  
 E. 10      F.\* 20

12. Answers will vary. Possible response: I broke 8 into 4 and 4. One 4 is already there. I added the other 4 to 16 to get 20.

13. A. 6      B. 8  
 C. 6      D. 10  
 E. 2      F. 7

14. Answers will vary. Students should explain addition strategies that efficiently complete the true number sentences.

## Student Activity Book

### Using Addition Strategies (SAB p. 31)

#### Questions 1–3

1. A. 12      B. 20  
 C. 2      D. 10  
 E. 9      F. 2

2. Answers will vary. Possible response: I split 4 into 2 and 2. I added  $18 + 2$  is 20, so there is another 2 left over to go in the box.

3. A.  $4 + (7 + 3) = \boxed{14}$ ; 10  
 B.  $5 + (11 + 9) = \boxed{25}$ ; 5  
 C.  $(18 + 2) + 6 = \boxed{26}$ ; 20  
 D.  $(25 + 5) + 2 = \boxed{32}$ ; 2  
 E.  $5 + (21 + 9) = \boxed{35}$ ; 30

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