

# Center Activity Answer Key

## Activity 2.56

### First to 5 (or 10)

#### ★ Check Understanding

Students solve  $43 + 34 = 77$ .  $49 - 23 = 26$ .

#### Sample Answers

Check quick drawings that show their strategy for solving the problems. Strategies will vary.

#### ★★ Check Understanding

Students solve  $35 + 39 = 74$ .  $48 - 32 = 16$ .

#### Sample Answers

Strategies students use to solve the addition and subtraction problems will vary. Check that they are finding the correct solution.

#### ★★★ Check Understanding

Students solve  $43 + 38 = 81$ .  $62 - 55 = 7$ .

#### Sample Answers

Strategies will vary. Students should be using a different strategy to solve than their partner. Check that they are finding the same correct answer.

# Center Activity Answer Key

## Activity 2.57

### Word Problem Race

#### ★ Check Understanding

Students find that Gino wins 18 tickets at the second game. They may use the equation  $30 - 12 = 18$  to solve the problem.

#### Game Board

Students use a variety of strategies to solve each word problem. Check for accuracy.

Solutions: Joe has 39 books; The sunflower grew 23 inches; 20 people are on the bus now; Kai picks 93 apples; The wall has 86 bricks in all; Kelly has 22 bracelets left; The flower is now 32 centimeters; There are 91 beads in all; There are 9 crackers left; 78 cupcakes were sold; 23 more cars came; 29 friends were at the party to start; Abe had \$60 in the bank to start; 36 play football; 22 people joined the line; There were 8 fish in the tank to start; The art teacher had 56 paint brushes to start; 43 campers are on the boat.

#### ★★ Check Understanding

Students find that Gino wins 14 tickets at the third game. They may use equations to solve, such as,  $24 + 12 = 36$ .  $50 - 36 = 14$ .

#### Game Board

Students use a variety of strategies to solve each word problem. Correctly solving two-step word problems will get them to the end of the race quicker.

Solutions: Joe has 39 books; The sunflower grew 23 inches; 20 people are on the bus now; Kai picks 93 apples; The wall has 86 bricks in all;

Kelly has 22 bracelets left; The flower is now 32 centimeters; There are 91 beads in all; There are 9 crackers left; 78 cupcakes were sold; Amy runs for 22 minutes; 25 flowers are yellow; Becca sells 3 more pieces of fruit than Mal; Juanita scores 51 points; There are 108 visitors in all; 46 people are now on the train; There are 79 trees in all; Kevin has 19 tickets left; There are 8 seats left; Sara has 66 stickers now.

#### ★★★ Check Understanding

Students find that Gino has 29 tickets left. They may use the equation  $12 + 24 = 36$  and  $36 - 7 = 29$  to solve the problem.

#### Game Board

Students will tell their own word problem for their partners to solve on the bonus squares.

Solutions: Joe has 39 books; The sunflower grew 23 inches; 20 people are on the bus now; Kai picks 93 apples; The wall has 86 bricks in all; Kelly has 22 bracelets left; The flower is now 32 centimeters; There are 91 beads in all; There are 9 crackers left; 78 cupcakes were sold; Amy runs for 22 minutes; 25 flowers are yellow; Becca sells 3 more pieces of fruit than Mal; Juanita scores 51 points; The museum has 108 visitors in all; 46 people are now on the train; There are 79 trees in all; Kevin has 19 tickets left; There are 8 seats left; Sara has 66 stickers now.

# Center Activity Answer Key

## Activity 2.58

### 3 in a Row

#### ★ Check Understanding

$$478 + 10 = 488$$

$$478 - 10 = 468$$

#### Game Board

Check that students understand the place value of each digit in the 3-digit numbers and know how each digit changes when adding or subtracting 10 or 100.

#### ★★ Check Understanding

$$478 + 100 = 578$$

$$478 - 100 = 378$$

#### Game Board

Check that students understand the place value of each digit in the 3-digit numbers and know how each digit changes when adding or subtracting 10 or 100.

#### ★★★ Check Understanding

$$478 + 10 = 488$$

$$478 + 100 = 578$$

$$478 - 10 = 468$$

$$478 - 100 = 378$$

#### Game Board

Students are working mentally. Check that students understand the place value of each digit in the 3-digit numbers and know how each digit changes when adding or subtracting 10 or 100.

# Center Activity Answer Key

## Activity 2.59

### 3-Digit Slam

#### ★ Check Understanding

Students solve  $145 + 324 = 469$ .  
 $548 - 124 = 424$

#### Sample Answers

Check that students understand the place value of each digit in the 3-digit numbers and know how each digit changes when adding or subtracting multiples of 10 or 100.

#### ★★ Check Understanding

Students solve  $145 + 238 = 383$ .  
 $548 - 419 = 129$

#### Sample Answers

Students generate their own 3-digit numbers between 100 and 500. Check that they understand how to add and subtract 3-digit numbers, regrouping tens and/or ones when necessary. They will use a variety of strategies to solve. They may use drawings or write the equation.

#### ★★★ Check Understanding

Students solve  $145 + 258 = 403$ .  
 $548 - 259 = 289$

#### Sample Answers

Students create their own 3-digit numbers between 100 and 500. Students try to be the first one to solve each problem correctly. They will use a variety of strategies to solve. They may use drawings or write the equation.