



Name \_\_\_\_\_

## 5.1 Estimate Differences

Use rounding or compatible numbers to estimate the difference.

$$\begin{array}{r} 1. \quad 96 \\ - 22 \\ \hline \end{array}$$

\_\_\_\_\_

$$\begin{array}{r} 2. \quad 532 \\ - 175 \\ \hline \end{array}$$

\_\_\_\_\_

$$\begin{array}{r} 3. \quad 753 \\ - 227 \\ \hline \end{array}$$

\_\_\_\_\_

Use the table for 4–6.

4. About how many more students like soccer than kickball?

\_\_\_\_\_

Survey of Favorite Sport	
Sport	Students
Kickball	383
Soccer	528
Softball	166

5. About how many more students like kickball than softball?

\_\_\_\_\_

6. The number of boys that like soccer is 316. About how many girls like soccer?

\_\_\_\_\_

### Problem Solving

7. A total of 843 people went to watch the soccer match. If 519 were students, about how many people at the match were adults?
8. A total of 683 hot dogs and hamburgers were sold at the softball game. If 278 were hot dogs, about how many hamburgers were sold at the game?

\_\_\_\_\_

\_\_\_\_\_

Fill in the bubble completely to show your answer.

9. Manuel scores 789 points playing a video game. Jackie scores 416 points. About how many more points did Manuel score than Jackie?
- (A) 300  
(B) 500  
(C) 400  
(D) 200
10. On a trip, Mr. Peters flies 868 miles. Then he flies another 331 miles. About how many more miles did Mr. Peters fly on the first part of his trip?
- (A) 450 miles  
(B) 350 miles  
(C) 650 miles  
(D) 550 miles
11. The Middletown School Library has 638 history books and 289 art books. About how many more history books does the library have than art books?
- (A) 300  
(B) 200  
(C) 400  
(D) 500
12. In a nature reserve, a scientist counted 927 frogs and 328 toads. About how many more frogs than toads were counted by the scientist?
- (A) 500  
(B) 700  
(C) 600  
(D) 400
13. **Multi-Step** A museum has 324 oil paintings, 227 watercolors, and 158 statues. Which is the best estimate of how many more oil and watercolor paintings there are than statues?
- (A) 100  
(B) 400  
(C) 200  
(D) 300
14. **Multi-Step** There are 262 students in the 2nd grade and 298 students in the 3rd grade. If 227 students take the bus to school, which is the best estimate of how many students do not take the bus?
- (A) 325  
(B) 600  
(C) 425  
(D) 550



Name \_\_\_\_\_

## 5.2 Use Place Value to Subtract

Estimate. Then find the difference.

1. Estimate: \_\_\_\_\_

$$\begin{array}{r} 427 \\ - 168 \\ \hline \end{array}$$

2. Estimate: \_\_\_\_\_

$$\begin{array}{r} 846 \\ - 239 \\ \hline \end{array}$$

3. Estimate: \_\_\_\_\_

$$\begin{array}{r} 781 \\ - 434 \\ \hline \end{array}$$

Use the table for 4–6.

4. About how many more black bears than grizzly bears are at Yellowstone Park?

\_\_\_\_\_

5. How many more black bears are there than brown bears at the park?

\_\_\_\_\_

Type of Bear	Number
Grizzly	483
Black	729
Brown	381

6. How many more grizzly and brown bears are there than black bears?

\_\_\_\_\_

### Problem Solving



7. Fiona subtracts  $617 - 234 = 483$ . Is her answer correct? Explain.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. Byron's Math Club wants to sell 500 boxes of granola bars. So far, they have sold 287 boxes. How many more boxes do they need to sell?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Lesson Check

9. There are 526 students at the New City Elementary School. Of these, 178 are in the third grade. How many students are not in the third grade?
- (A) 448  
(B) 348  
(C) 358  
(D) 458
10. In the morning, there are 472 visitors at the Street Fair. In the afternoon there are 218 visitors. About how many more visit the fair in the morning?
- (A) about 250  
(B) about 350  
(C) about 700  
(D) about 500
11. The third grade collects 417 bottles to recycle. The fourth grade collects 378 bottles. How many more bottles does the third grade collect?
- (A) 49  
(B) 139  
(C) 39  
(D) 149
12. A museum store has 239 posters, 125 calendars, and 547 books. How many more books than posters does the museum store have?
- (A) 114  
(B) 312  
(C) 422  
(D) 308
13. **Multi-Step** Darius has 127 photos. Miquel has 179 photos and Jillian has 467 photos. How many more photos does Jillian have than both Darius and Miquel?
- (A) 773  
(B) 171  
(C) 261  
(D) 161
14. **Multi-Step** Beth, Dan, and Yoshi collect stamps. Beth has 157 stamps. Dan has 265 stamps. Yoshi has 79 fewer stamps than Beth and Dan. How many stamps does Yoshi have?
- (A) 343  
(B) 333  
(C) 243  
(D) 233



Name \_\_\_\_\_

## 5.3 Combine Place Values to Subtract

Estimate. Then find the difference.

1. Estimate: \_\_\_\_\_

$$\begin{array}{r} 609 \\ - 384 \\ \hline \end{array}$$

2. Estimate: \_\_\_\_\_

$$\begin{array}{r} 935 \\ - 216 \\ \hline \end{array}$$

3. Estimate: \_\_\_\_\_

$$\begin{array}{r} 405 \\ - 247 \\ \hline \end{array}$$

Use the table for 4–6.

4. About how many more miles did Wayne bike than Latisha?

\_\_\_\_\_

5. Suppose another biker rides 690 miles. How many more miles would this be than the number of miles Noki biked?

\_\_\_\_\_

Miles Biked at the State Bicycle Race	
Biker	Miles
Latisha	564
Noki	286
Wayne	617

6. How many fewer miles did Wayne bike than Latisha and Noki bike together?

\_\_\_\_\_

### Problem Solving

7. A train travels a distance of 748 miles. Then it travels another 342 miles. How many more miles does the train travel on the first part of the trip?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

8. Denzel wants to subtract  $517 - 183$ . How can he combine the place values to find the difference?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

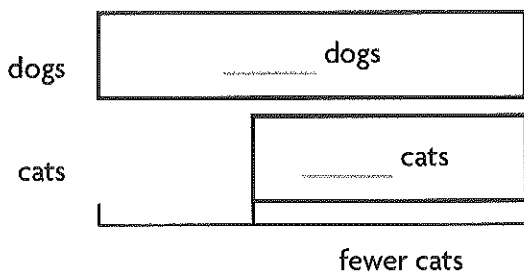
9. A farm stand has a total of 463 bushels of corn and 284 baskets of apples. How many fewer baskets of apples are there than bushels of corn?
- (A) 189  
(B) 279  
(C) 747  
(D) 179
10. On Saturday a farm stand sells 189 pumpkins. If the farm had a total of 540 pumpkins, how many pumpkins does it still need to sell?
- (A) 361  
(B) 351  
(C) 451  
(D) 729
11. At the football game, 327 boxes of juice and 128 bottles of water are sold. How many more boxes of juice were sold than bottles of water?
- (A) 99  
(B) 199  
(C) 455  
(D) 299
12. Rosa has saved 473 pennies. She needs 800 pennies to fill the penny jar. How many more pennies does Rosa need to save?
- (A) 327  
(B) 337  
(C) 427  
(D) 273
13. **Multi-Step** Courtney has 213 baseball cards. Suri has 162 more cards than Courtney. Ed has 114 fewer cards than Suri. How many cards does Ed have?
- (A) 375  
(B) 276  
(C) 487  
(D) 261
14. **Multi-Step** Ben collects 213 cans for recycling. Sanjaya collects 189 cans. They want to collect a total of 650 cans to win a prize. How many more cans do they need to collect?
- (A) 248  
(B) 402  
(C) 461  
(D) 258



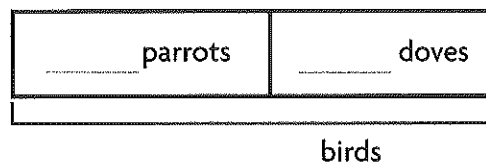
Name \_\_\_\_\_

## 5.4 PROBLEM SOLVING • Model Addition and Subtraction

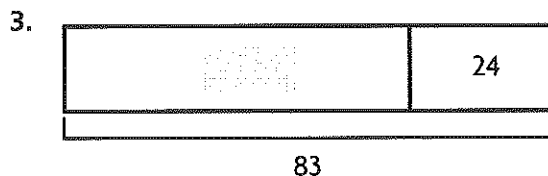
1. There were 98 dogs and 47 cats at the pet show. How many fewer cats than dogs were at the show?



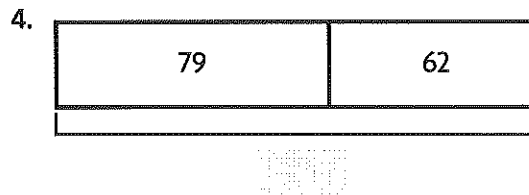
2. There were 56 parrots and 24 doves at the pet show. How many birds were at the pet show?



Use the strip diagram. Write a number sentence to match it.



\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_



\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

### Problem Solving



5. Marco goes bowling and scores 76 points in the first game. In the second game he scores 55 points. How many points does Marco score?

\_\_\_\_\_

6. Mrs. Mott picks 82 tomatoes in her garden. She picks 24 ears of corn. How many fewer ears of corn does she pick than tomatoes?

\_\_\_\_\_

## Lesson Check



7. Mr. Porter has 43 history books and 18 science books in his bookcase. How many books does Mr. Porter have?
- (A) 58  
(B) 14  
(C) 51  
(D) 61
8. There are 347 students in the cafeteria. Of these, 123 are boys. How many of the students are girls?
- (A) 247  
(B) 470  
(C) 324  
(D) 224
9. Dwayne is reading a book that has 153 pages. He has read 77 pages. How many more pages does Dwayne have left to read?
- (A) 220  
(B) 76  
(C) 230  
(D) 86
10. Roxy counts 129 robins and 43 bluejays at her bird feeder. How many birds visit Roxy's bird feeder?
- (A) 172  
(B) 162  
(C) 86  
(D) 96
11. **Multi-Step** There are 208 people in one movie theater. There are 78 fewer people in the next movie theater. How many people are in both movie theaters?
- (A) 286  
(B) 338  
(C) 130  
(D) 296
12. **Multi-Step** Dan has 47 rocks in a collection. Milagros has 38 more rocks than Dan. How many rocks do Dan and Milagros have together in their rock collections?
- (A) 85  
(B) 132  
(C) 75  
(D) 122