

Grouping by Tens

Compare using $<$ or $>$.

1 2,325 ○ 3,252

2 5,233 ○ 2,335

3 4,656 ○ 993

4 5,535 ○ 5,355

5 5,226 ○ 5,227

6 1,424 ○ 1,425

7 2,233 ○ 2,232

8 4,236 ○ 4,326

9 6,332 ○ 6,330

10 5,502 ○ 5,052

11 1,240 ○ 1,204

12 2,066 ○ 2,660

13 3,340 ○ 3,430

14 6,503 ○ 3,650

15 9,537 ○ 9,735

16 2,256 ○ 2,257



Test Prep

17 Lincoln Elementary School had a jump rope contest. Nancy jumped 304 times. Jason jumped 197 times. Which is the best estimate of how many more times Nancy jumped than Jason?

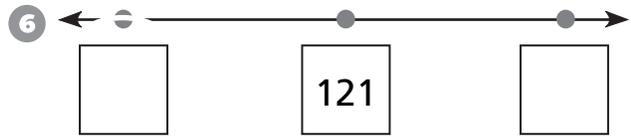
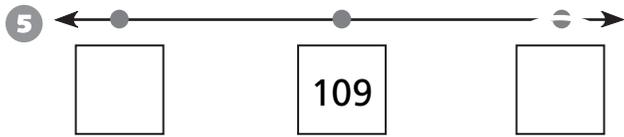
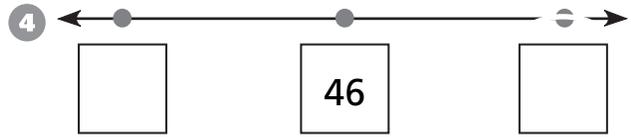
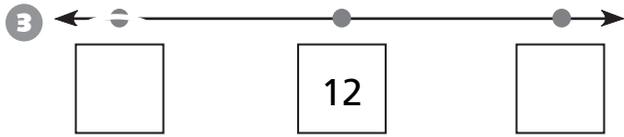
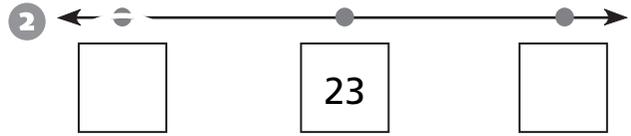
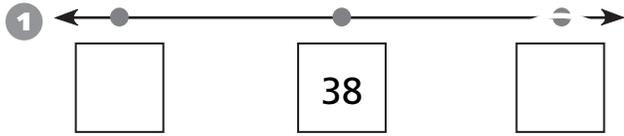
- A. 50 C. 150
B. 100 D. 200

18 Juan is riding his bicycle to the park. The park is 3 miles away. He has ridden 1 mile so far. Which number sentence could you use to find the number of miles Juan has left to ride?

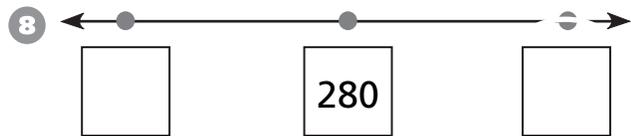
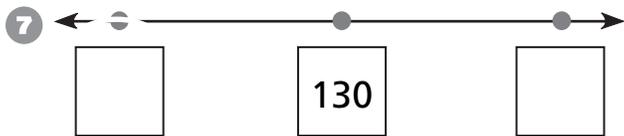
- A. $3 + 1 = \blacksquare$ C. $3 \times 1 = \blacksquare$
B. $3 - 1 = \blacksquare$ D. $3 - 3 = \blacksquare$

Rounding to the Nearest Ten or Hundred

Label the multiples of 10 that surround each number.
Circle the nearest multiple of 10.



Label the multiples of 100 that surround each number.
Circle the nearest multiple of 100.



Test Prep

9 Leila bought a plane ticket for \$757. Will bought a plane ticket for \$473. How much more did Leila spend than Will?

- A. \$274
- B. \$284
- C. \$324
- D. \$1,230

10 Which is the next number in this pattern?

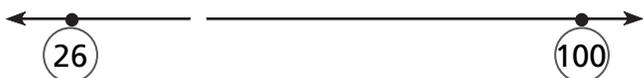
1, 3, 6, 10, 15, ■

- A. 16
- B. 17
- C. 20
- D. 21

Finding Differences on the Number Line

For each subtraction sentence, draw jumps on the number line to help you find the difference.

1



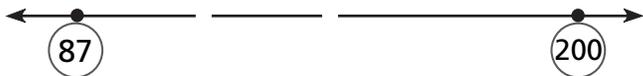
$100 - 26 = \square$

2



$100 - 78 = \square$

3



$200 - 87 = \square$



Test Prep

- 4 There are 12 students in the writing club. Each student has a pen pal in another country. This year, each student will write 7 letters to their pen pal. How many letters will the writing club write to the pen pals this year? Explain how you found your answer.

Using Tens and Hundreds to Estimate Sums

Fill in only the tens digit for each sum.

<p>1</p> $\begin{array}{r} 77 \\ + 15 \\ \hline \end{array}$ <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px; background-color: #cccccc;"></div> </div>	<p>2</p> $\begin{array}{r} 67 \\ + 22 \\ \hline \end{array}$ <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px; background-color: #cccccc;"></div> </div>	<p>3</p> $\begin{array}{r} 88 \\ + \quad 8 \\ \hline \end{array}$ <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px; background-color: #cccccc;"></div> </div>	<p>4</p> $\begin{array}{r} 40 \\ + 29 \\ \hline \end{array}$ <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px; background-color: #cccccc;"></div> </div>
<p>5</p> $\begin{array}{r} 16 \\ + 42 \\ \hline \end{array}$ <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px; background-color: #cccccc;"></div> </div>	<p>6</p> $\begin{array}{r} 21 \\ + \quad 9 \\ \hline \end{array}$ <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px; background-color: #cccccc;"></div> </div>	<p>7</p> $\begin{array}{r} 58 \\ + 26 \\ \hline \end{array}$ <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px; background-color: #cccccc;"></div> </div>	<p>8</p> $\begin{array}{r} 36 \\ + \quad 3 \\ \hline \end{array}$ <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px; background-color: #cccccc;"></div> </div>

Fill in only the hundreds digit for each sum.

<p>9</p> $\begin{array}{r} 222 \\ + 471 \\ \hline \end{array}$ <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; width: 60px; height: 60px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 60px; height: 60px; margin-right: 5px; background-color: #cccccc;"></div> <div style="border: 1px solid black; width: 60px; height: 60px; margin-right: 5px; background-color: #cccccc;"></div> </div>	<p>10</p> $\begin{array}{r} 497 \\ + 131 \\ \hline \end{array}$ <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; width: 60px; height: 60px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 60px; height: 60px; margin-right: 5px; background-color: #cccccc;"></div> <div style="border: 1px solid black; width: 60px; height: 60px; margin-right: 5px; background-color: #cccccc;"></div> </div>	<p>11</p> $\begin{array}{r} 923 \\ + \quad 58 \\ \hline \end{array}$ <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; width: 60px; height: 60px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 60px; height: 60px; margin-right: 5px; background-color: #cccccc;"></div> <div style="border: 1px solid black; width: 60px; height: 60px; margin-right: 5px; background-color: #cccccc;"></div> </div>	<p>12</p> $\begin{array}{r} 681 \\ + 252 \\ \hline \end{array}$ <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; width: 60px; height: 60px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 60px; height: 60px; margin-right: 5px; background-color: #cccccc;"></div> <div style="border: 1px solid black; width: 60px; height: 60px; margin-right: 5px; background-color: #cccccc;"></div> </div>
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Test Prep

- 13** Trang's birthday is January 8. Alberto's birthday is 16 days later. What date is Alberto's birthday?
- A. January 4 C. January 16
B. January 8 D. January 24

- 14** Nina left for school at 8:15 A.M. She arrived at 8:50 A.M. How much time did it take Nina to get to school?
- A. 60 minutes C. 35 minutes
B. 55 minutes D. 30 minutes

Estimate and Adjust to Find Sums

Show the sum with fewest blocks. Then complete the number sentence.

1

$$\begin{array}{r} 224 \\ + 117 \\ \hline \square \end{array}$$

2

$$\begin{array}{r} 364 \\ + 172 \\ \hline \square \end{array}$$

Find the sum.

3

$$\begin{array}{r} 23 \\ + 17 \\ \hline \square \end{array}$$

4

$$\begin{array}{r} 460 \\ + 95 \\ \hline \square \end{array}$$

5

$$\begin{array}{r} 235 \\ + 135 \\ \hline \square \end{array}$$

6

$$\begin{array}{r} 148 \\ + 365 \\ \hline \square \end{array}$$



Test Prep

7 Sue Ellen surveyed her classmates about their favorite sport. Which sport received the most votes? Explain how you found your answer.

Favorite Sport	
Skating	
Basketball	
Soccer	
Baseball	
Other	

Using Cross Number Puzzles to Add

Complete each Cross Number Puzzle.

1

8	12	20
4	0	4
12	12	24

2

14	6	
16	4	

3

9	21	
11	19	

4

100	20	7	
400	60	8	

5

600	40	3	
200	70	2	

6

300	10	8	
400	60	9	

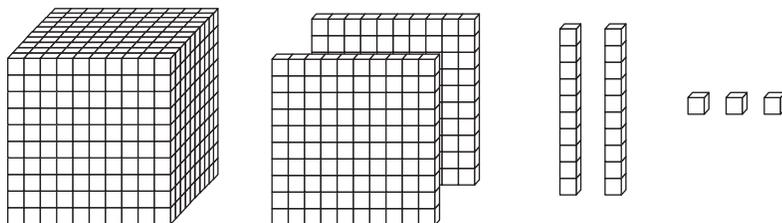
7

200	40	7	
400	60	6	



Test Prep

8



If you add 5 more hundreds to this picture, what number would be shown?

- A. 6,223 B. 1,723 C. 1,273 D. 1,228

Using a Common Addition Algorithm

Find the sum.

1

$$\begin{array}{r} 34 \\ + 47 \\ \hline \square \end{array}$$

2

$$\begin{array}{r} 28 \\ + 89 \\ \hline \square \end{array}$$

3

$$\begin{array}{r} 43 \\ + 57 \\ \hline \square \end{array}$$

4

$$\begin{array}{r} 359 \\ + 223 \\ \hline \square \end{array}$$

5

$$\begin{array}{r} 219 \\ + 432 \\ \hline \square \end{array}$$

6

$$\begin{array}{r} 470 \\ + 356 \\ \hline \square \end{array}$$

7

$$\begin{array}{r} 786 \\ + 193 \\ \hline \square \end{array}$$

8

$$\begin{array}{r} 158 \\ + 679 \\ \hline \square \end{array}$$

9

$$\begin{array}{r} 295 \\ + 395 \\ \hline \square \end{array}$$



Test Prep

- 10 Jerry went on vacation for more than 2 weeks but less than 3 weeks. How many days could Jerry have been on vacation? Explain your answer.

Estimate and Adjust to Find Differences

Show the difference with fewest blocks. Then complete the number sentence.

1

$$\begin{array}{r} 341 \\ - 224 \\ \hline \end{array}$$

2

$$\begin{array}{r} 536 \\ - 172 \\ \hline \end{array}$$

Find the difference.

3

$$\begin{array}{r} 40 \\ - 23 \\ \hline \end{array}$$

4

$$\begin{array}{r} 555 \\ - 199 \\ \hline \end{array}$$

5

$$\begin{array}{r} 310 \\ - 135 \\ \hline \end{array}$$

6

$$\begin{array}{r} 513 \\ - 365 \\ \hline \end{array}$$



Test Prep

- 7 Kyla bought 3 pens for 69¢ each. Which is the best estimate for the total cost of the 3 pens?
- A. \$2.40 C. \$1.80
B. \$2.10 D. \$1.50

- 8 Which number is twenty thousand, five hundred eighty?
- A. 2,580 C. 20,580
B. 20,508 D. 25,080

Using Cross Number Puzzles to Subtract

Complete each Cross Number Puzzle.

1

		23
10	9	19
0	4	

2

		46
30	8	38
0	8	

3

		100
60	2	62
30	8	

4

	80		595
400	60	8	468
100	20	7	

5

	110		915
200	70	2	272
600	40	3	

6

		17	787
400	60	9	469
300	10	8	

7

600		13	713
400	60	6	466
200	40	7	



Test Prep

8 Sarita has 4 coins in her pocket. They equal 8¢. What coins are in Sarita's pocket? Explain how you know.

Using a Common Subtraction Algorithm

Find the difference.

<p>1</p> $\begin{array}{r} 81 \\ - 47 \\ \hline \square \end{array}$	<p>2</p> $\begin{array}{r} 117 \\ - 28 \\ \hline \square \end{array}$	<p>3</p> $\begin{array}{r} 100 \\ - 43 \\ \hline \square \end{array}$
<p>4</p> $\begin{array}{r} 582 \\ - 359 \\ \hline \square \end{array}$	<p>5</p> $\begin{array}{r} 651 \\ - 432 \\ \hline \square \end{array}$	<p>6</p> $\begin{array}{r} 513 \\ - 365 \\ \hline \square \end{array}$

7 Cho Li has a paper clip chain that is 217 centimeters long. Mina's chain is 184 centimeters long. How much longer is Cho Li's chain?



Test Prep

FRUIT BOUGHT								
Apple								
Pear								
Banana								
Kiwi								

- 8** How many more apples were bought than pears?
- A. 6
 - B. 4
 - C. 2
 - D. 1