Homework and Practice
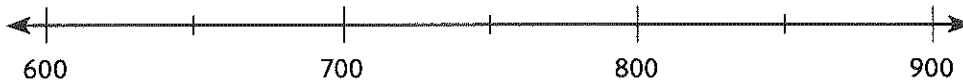
Name _____

4.1 Round to the Nearest Ten or Hundred

Locate and label 739 on the number line.
Round to the nearest hundred.

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<——+————————+————————+————————+————————+————————+——>
   600       700       800       900
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1. 739 is between ___700___ and ___800___.

2. 739 is closer to _____ than it is to _____.

3. 739 rounded to the nearest hundred is _____.

Round to the nearest ten and hundred.

4. 636 _____

5. 215 _____

6. 767 _____

    _____

    _____

    _____

7. 198 _____

8. 547 _____

9. 852 _____

    _____

    _____

    _____

Problem Solving Real World

10. A team sweatshirt costs $38. What is this cost rounded to the nearest ten dollars?

11. There are 372 workers at a software company. What is this number rounded to the nearest hundred?

Fill in the bubble completely to show your answer.

12. Which number rounds to 340 when rounded to the nearest ten?

Ⓐ 345

Ⓑ 334

Ⓒ 335

Ⓓ 346

13. Which number rounds to 500 when rounded to the nearest hundred?

Ⓐ 552

Ⓑ 548

Ⓒ 446

Ⓓ 560

Use the table for 14–16.

14. Which is the number of hot lunches sold on Monday rounded to the nearest ten?

Ⓐ 400

Ⓑ 450

Ⓒ 500

Ⓓ 440

Hot Lunches Sold at Brown School	
Day	Number of Hot Lunches Sold
Monday	448
Tuesday	402
Wednesday	382
Thursday	393
Friday	476

15. **Multi-Step** Which is closest to the total number of hot lunches sold on Thursday and Friday?

Ⓐ 400

Ⓑ 800

Ⓒ 500

Ⓓ 900

16. **Multi-Step** Which is closest to the difference of the number of hot lunches sold on Monday and Tuesday?

Ⓐ 50

Ⓑ 60

Ⓒ 100

Ⓓ 40

4.2 Estimate Sums

Use rounding or compatible numbers to estimate the sum.

1. $18 + 53$

2. $37 + 52$

3. $345 + 223$

4. $509 + 478$

5. $642 + 212$

6. $109 + 688$

Problem Solving Real World

7. Seth bought a pair of sneakers for $48 and a jacket for $64. Explain how you can estimate to find the total amount that he spent for the sneakers and jacket.

_____
_____
_____
_____

8. Elena drove 245 miles last week and 222 miles this week. She estimated that she drove about 475 miles in both weeks. How did Elena estimate?

_____
_____
_____
_____

Fill in the bubble completely to show your answer.

9. Cal has $42. He gets $25 from his grandparents for his birthday. Which of these statements shows the best estimate of the amount of money Cal has now?

Ⓐ $50 + $30 = $80

Ⓑ $50 + $20 = $70

Ⓒ $40 + $40 = $80

Ⓓ $40 + $25 = $65

10. Mr. Avery's class made $118 for the fundraiser. Mrs. Bolero's class made $189 for the fundraiser. Which of these statements shows the best estimate of the total amount both classes raised?

Ⓐ $100 + $200 = $300

Ⓑ $125 + $150 = $275

Ⓒ $100 + $100 = $200

Ⓓ $200 + $200 = $400

11. Which is the best estimate of the total number of students in kindergarten and first grade at Wayside Elementary School?

Ⓐ 350

Ⓑ 300

Ⓒ 400

Ⓓ 500

Students at Wayside Elementary School	
Grade	Number of Students
Kindergarten	187
First Grade	203
Second Grade	382
Third Grade	238
Fourth Grade	178

12. **Multi-Step** Which is the best estimate of the total number of students in second, third, and fourth grade at Wayside Elementary School?

Ⓐ 500

Ⓑ 400

Ⓒ 700

Ⓓ 800

13. **Multi-Step** Which is the best estimate of the total number of students in all grades at Wayside Elementary School?

Ⓐ 900

Ⓑ 1,200

Ⓒ 1,100

Ⓓ 1,000

4.3 Use Properties to Add

Find the sum. Write the addition property you used.

1. $28 + 29 + 42 =$ _____

   _____ Property of Addition

2. $23 + 36 + 77 =$ _____

   _____ Property of Addition

3. $25 + 48 + 125 =$ _____

   _____ Property of Addition

4. $34 + 22 + 46 + 48 =$ _____

   _____ Property of Addition

5. $21 + 55 + 39 + 45 =$ _____

   _____ Property of Addition

6. $62 + 27 + 48 =$ _____

   _____ Property of Addition

Problem Solving (Real World)

7. The Smoothie Stop sold 35 banana smoothies, 48 strawberry smoothies, and 25 orange smoothies. How many smoothies were sold in all?

8. Max spent 28 minutes on math homework, 27 minutes on science homework, and 22 minutes on English homework. How much time did he spend on homework?

Fill in the bubble completely to show your answer.

9. Students collected used books to sell at the school fair. On Wednesday, 74 books were donated. On Thursday, 62 books were collected. On Friday, students brought in 36 books. How many books were collected on all three days?

   Ⓐ 162

   Ⓑ 182

   Ⓒ 172

   Ⓓ 170

10. Local farmers had a booth at the school fair. Farmers sold 53 pounds of squash, 58 pounds of tomatoes, and 37 pounds of zucchini. How many pounds of vegetables were sold in all?

    Ⓐ 148 pounds

    Ⓑ 90 pounds

    Ⓒ 158 pounds

    Ⓓ 138 pounds

11. Mrs. Jackson is in charge of the food booth. She made a supply list. How many packages of paper goods are on the supply list?

    Ⓐ 92

    Ⓑ 82

    Ⓒ 72

    Ⓓ 50

    Supply List
    25 packages of cups
    32 packages of plates
    25 packages of napkins

12. **Multi-Step** There was a food drive at the school fair. Two local grocery stores each donated the number of food packages shown in the table. How many packages of food did both stores donate altogether?

Item	Donation Amount
boxes of pasta	75 boxes
cans of soup	30 cans

    Ⓐ 105   Ⓒ 210

    Ⓑ 135   Ⓓ 150

Name _____

4.4 Use the Break Apart Strategy to Add

Estimate. Then use the break apart strategy to find the sum.

1. Estimate: _____

$$193 =$$
$$+ \; 345 =$$

2. Estimate: _____

$$214 =$$
$$+ \; 532 =$$

3. Estimate: _____

$$642 =$$
$$+ \; 227 =$$

4. Estimate: _____

$$271 =$$
$$+ \; 438 =$$

5. Estimate: _____

$$366 =$$
$$+ \; 415 =$$

6. Estimate: _____

$$286 =$$
$$+ \; 274 =$$

Problem Solving Real World

7. How many gallons of white and beige paint were sold?

_____

Gallons of Paint Sold	
Color of Paint	**Number of Gallons**
White	336
Blue	175
Beige	273

Fill in the bubble completely to show your answer.

8. There are two baby giraffes at the zoo. One weighs 148 pounds and the other weighs 137 pounds. Which is their combined weight?

Ⓐ 295 pounds

Ⓑ 275 pounds

Ⓒ 285 pounds

Ⓓ 278 pounds

9. One day, Elmo the elephant ate 128 pounds of food. Ella the elephant ate 115 pounds of food. Together, how many pounds of food did the elephants eat that day?

Ⓐ 244 pounds

Ⓑ 233 pounds

Ⓒ 253 pounds

Ⓓ 243 pounds

10. There are 176 snakes and 236 birds living at the zoo. How many birds and snakes are there?

Ⓐ 422

Ⓑ 412

Ⓒ 402

Ⓓ 302

11. A zoo rescued 252 animals last year and 328 animals this year. How many animals were rescued in these two years?

Ⓐ 590

Ⓑ 580

Ⓒ 570

Ⓓ 680

12. **Multi-Step** Which is the total amount of money donated to the zoo for June, July, and August?

Ⓐ $928

Ⓑ $938

Ⓒ $828

Ⓓ $611

Zoo Donations	
Month	**Donations**
June	$289
July	$322
August	$317

4.5 Use Place Value to Add

Estimate. Then find the sum.

1. Estimate: _____

   679
   + 294

2. Estimate: _____

   365
   + 482

3. Estimate: _____

   312
   + 397

4. Estimate: _____

   175
   + 237

5. Estimate: _____

   368
   105
   + 232

6. Estimate: _____

   421
   113
   + 462

Problem Solving (Real World)

7. Mr. Conti drove 132 miles on Highway 9. He then drove 179 miles on Highway 16. How many miles did he drive altogether?

   _____

8. A bus takes a route from New York City to Washington, D.C. that is 226 miles. How many miles is the round trip?

   _____

Fill in the bubble completely to show your answer.

9. A bookstore sold 453 books on Saturday and 369 books on Sunday. How many books were sold on both days?

Ⓐ 812

Ⓑ 822

Ⓒ 722

Ⓓ 712

10. Sandra drove 121 miles from San Diego to Los Angeles. The next day she drove 382 miles from Los Angeles to San Francisco. How many miles did she drive?

Ⓐ 403 miles

Ⓑ 502 miles

Ⓒ 513 miles

Ⓓ 503 miles

11. A theater has 348 seats on the bottom level and 376 seats in the balcony. How many seats are there?

Ⓐ 724

Ⓑ 624

Ⓒ 714

Ⓓ 614

12. Julie had to take two different planes on her trip. The first plane had 234 passengers. The second plane had 167 passengers. How many passengers were on both flights?

Ⓐ 411   Ⓒ 391

Ⓑ 301   Ⓓ 401

13. **Multi-Step** A football field has two side lengths of 300 feet long and two side lengths of 160 feet wide. Josh jogs around all four sides of the field. Which is the distance Josh runs?

Ⓐ 320 feet

Ⓑ 600 feet

Ⓒ 920 feet

Ⓓ 820 feet

14. **Multi-Step** The distance between each base on a baseball field is 90 feet. Which is the total distance between all four bases?

Ⓐ 180 feet

Ⓑ 360 feet

Ⓒ 320 feet

Ⓓ 270 feet

Name _____

4.6 Money Amounts

Find the amount of money.

1.

_____

2.

_____

3.

_____

4.

_____

Problem Solving (Real World)

5. Ally has one $5 bill and two $1 bills. How much money does Ally have?

_____

6. A cashier gives a customer change. She gives one quarter, 1 dime, and 3 pennies. What is the value of the change?

_____

Fill in the bubble completely to show your answer.

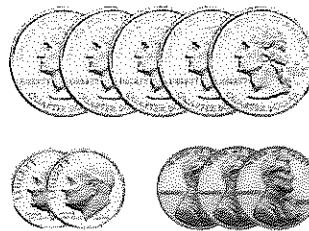7. Hal has only quarters. He has less than $1.00. Which amount could Hal have?

   Ⓐ 45¢   Ⓒ $1.25

   Ⓑ 65¢   Ⓓ 75¢

8. Tim gets change in all dimes. He gets less than 50¢. Which amount could Tim get for change?

   Ⓐ 60¢   Ⓒ 40¢

   Ⓑ 35¢   Ⓓ 25¢

9. Dave spent the amount of money shown. How much did he spend?

   Ⓐ $3.48

   Ⓑ $3.23

   Ⓒ $3.47

   Ⓓ $2.48

10. **Multi-Step** Kyle has the exact amount of money to buy a bus ticket. He has one $5 bill. What coins does he have?

BUS TICKET $6.75

Ⓐ

Ⓒ

Ⓑ

Ⓓ