Write the number for each dot or place value drawing.

1.
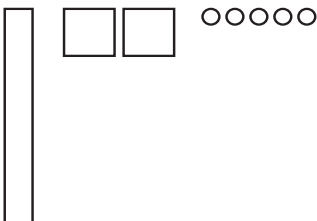

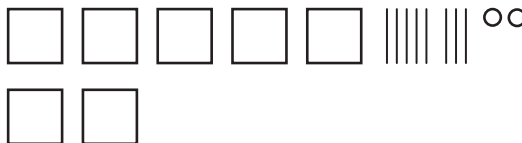
_____
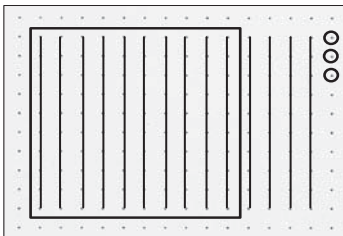
2.

_____
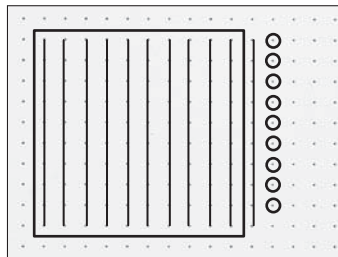
3.

_____

4.

_____

Make a place value drawing for each number.

5. 431

6. 1,214

Write the number for the words.

7. one thousand, sixty

_____

8. four thousand, three hundred

_____

9. ninety-seven

_____

10. four hundred fifty-four

_____

Remembering

Write the 5s additions that show each multiplication. Then write the total.

1. $6 * \boxed{5} =$ _____ = _____

2. $9 \times \boxed{5} =$ _____ = _____

Solve each problem.

3. Sam has 6 toy spiders. Each spider has 8 legs. How many legs are there in all?

_____

4. Ms. Adams spends $42. She buys books that cost $6 each. How many books does she buy?

_____

Find the unknown number for each Fast Array drawing.

5.
⬜

6 ⦂ 30

6. 9
3 ⬜

7. 4
⬜ 28
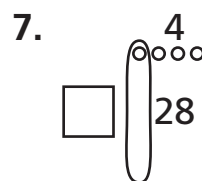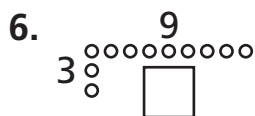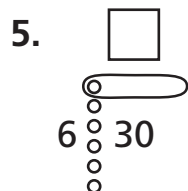
8. Stretch Your Thinking Make a place value drawing of a number that has double the number of tens as ones and 3 times the number of thousands as hundreds. Write the number.

_____

Make Place Value Drawings

Homework

Write the number.

1. 300 + 20 + 4 = _____

2. 500 + 40 + 3 = _____

3. 800 + 50 + 2 = _____

4. 600 + 70 = _____

5. 900 + 5 = _____

6. 1,000 + 50 = _____

7. 7 hundreds + 6 tens + 5 ones = _____

8. 3 hundreds + 5 tens + 6 ones = _____

9. 4 hundreds + 3 ones = _____

10. 2 hundreds + 7 tens = _____

11. 6 hundreds + 2 tens = _____

12. 2 thousands + 9 tens + 8 ones = _____

Write the number in expanded form in two ways.

13. 272

_____   _____

14. 420

_____   _____

15. 585

_____   _____

16. 604

_____   _____

17. 732

_____   _____

18. 2,107

_____   _____

Remembering

Use the information in this table to make a vertical bar graph.

1.

Office Supplies

Items	Number in Box
Clips	400
Pins	250
Staples	300

Office Supplies
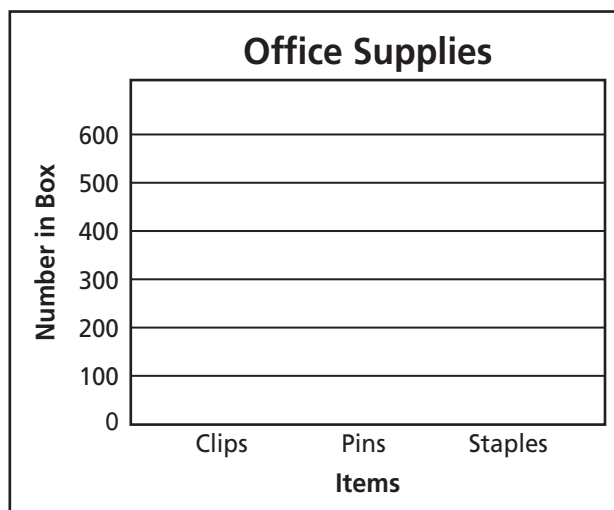
Write the number for each place value drawing.

2.

_____

3.

_____
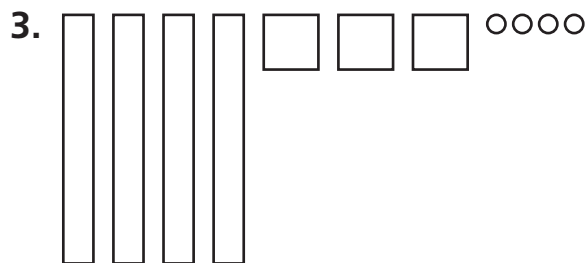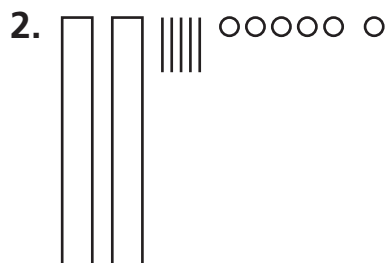
4. Stretch Your Thinking Anton says $2,000 + 300 + 70 + 5$
is the same as 23 hundreds + 7 tens + 5 ones. Is he
correct? Explain.

_____

_____

_____

Use a place value drawing to help you solve each problem. Label your answers.

Show your work.

> At Kyle's birthday party, he gave each of his 8 friends a bag. Each bag had 10 party favors.

1. How many favors did Kyle give out altogether?

_____

> A farmer had 612 tomatoes. He put them in baskets of 100.

2. How many baskets did he fill completely?

_____

3. How many tomatoes were left over?

_____

> At the library, Eric is placing 112 books on shelves. Each shelf holds 10 books.

4. How many shelves can Eric fill completely?

_____

5. How many books will be left over?

_____

Write the number for the words.

6. one hundred sixty-seven _____   **7.** eighty-two _____

8. one hundred twenty _____   **9.** fifteen _____

10. four thousand, one hundred six _____

11. one thousand, ninety-nine _____

Remembering

Read each problem and decide what type of problem it is. Write the letter from the list below. Then write an equation and solve the problem.

    a. Array Multiplication

    b. Array Division

    c. Equal Groups of Multiplication

    d. Equal Groups Division with Unknown
       Group Size

    e. Equal Groups Division with an Unknown
       Multiplier (number of groups)

1. Angela counts 18 people in canoes on the lake. There are 2 people in each canoe. How many canoes are in the lake?

_____

2. Toby has all his cars in 7 rows. There are 5 cars in each row. How many cars does he have?

_____

Solve. Then circle the type of problem and the operation you used to solve it.

3. The team lines up in 7 rows to exercise. There are 6 runners in each row. How many runners are lined up?

_____

    array   repeated groups   area   multiplication   division

Write the number.

4. $100 + 40 + 8 =$ _____

5. $800 + 3 =$ _____

6. 2 hundreds + 6 tens + 7 ones = _____

7. Stretch Your Thinking Jordan has 90 photos. Explain three ways he can arrange the photos in his album so he has the same number of photos on each page.

_____

_____

        Place Value in Word Problems

Unscramble the place values and write the number.

1. 5 hundreds + 0 ones + 8 tens

_____

2. 2 ones + 1 ten + 7 hundreds

_____

3. 9 hundreds + 0 tens + 8 ones

_____

4. 7 tens + 7 hundreds + 3 ones

_____

5. 3 tens + 1 one + 2 hundreds

_____

6. 3 ones + 2 hundreds + 9 tens

_____

Solve each problem. Label your answer.

Ms. Chang gave a box of 10 colored pencils to each of her 17 students.

7. How many pencils did Ms. Chang give out?

_____

The Finicky Bakery puts exactly 100 raisins in each carrot cake they bake. They have 233 raisins.

8. How many carrot cakes can they make?
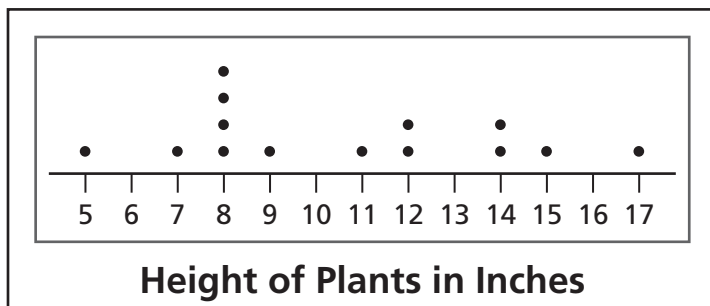
_____

9. How many raisins will be left over?

_____

Dora won 146 prize tickets at the town fair. She needs 10 tickets to get a small toy.

10. How many toys can she get with her tickets?

_____

11. How many tickets will she have left?

_____

Name _____   **Date** _____

Remembering

Use the line plot to answer the questions.

Height of Plants in Inches

1. What height appears the most often?

_____

2. How many plants are there?

_____

3. How many plants are 14 inches tall?

_____

4. How many plants are 14 inches or taller?

_____

Use place value drawings to help you solve each problem. Label your answers.

> The students are getting ready for a book sale. They have 543 books. They put the books in boxes of 10.

5. How many boxes do they fill completely?

_____

6. How many books are left over?

_____

7. Stretch Your Thinking Write a word problem in which the starting number is in the hundreds and the answer is *4 tickets were left over.*

_____

_____

Practice with Place Value

Name _____ Date _____

Solve by rounding to the nearest hundred.   *Show your work.*

1. On Friday, 718 people went to the school play. On Saturday, 822 people went. About how many people saw the play altogether?

   _____

2. So far, Ms. Sahid has read 177 pages of her 392-page book. About how many pages does she have left to read?

   _____

3. This year, the three biggest pumpkins at the Giant Pumpkin contest weighed 558 pounds, 644 pounds, and 715 pounds. About how much did the three pumpkins weigh together?

   _____

Round each number to the nearest hundred.

4. 352 _____   5. 620 _____   6. 298 _____

7. 539 _____   8. 1,014 _____   9. 769 _____

Use rounding to decide if the answer is reasonable.
Then find the answer to see if you were right.

10. $24 + 107 = 217$

    _____

11. $512 - 479 = 33$

    _____

12. $485 - 312 = 362$

    _____

13. $1,201 + 179 = 1,380$

    _____

14. $175 + 216 = 261$

    _____
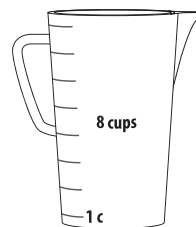
15. $712 - 392 = 320$

    _____

Remembering

Use drawings to represent the problems.

1. Mrs. Callen pours 8 pints of punch into a container. Her family drinks 6 pints of punch. How many pints of punch does she have left?

   _____

2. The pitcher holds 8 cups of juice. Mr. Raj pours 3 cups into glasses. How many cups are in the pitcher now?

   _____

Unscramble the place values and write the number.

3. 5 ones + 7 tens + 1 hundred

   _____

4. 4 tens + 3 hundreds + 8 ones

   _____

5. 9 hundreds + 2 ones + 6 tens

   _____

6. 2 tens + 8 ones + 5 hundreds

   _____

7. **Stretch Your Thinking** Adult and student tickets were sold for a concert. When the numbers of adult tickets and student tickets are rounded, the total number of tickets sold was about 1,200. List four different combinations of adult and student tickets that might have been sold.

   adults _____ and students _____

   adults _____ and students _____

   adults _____ and students _____

   adults _____ and students _____

Name _____ Date _____

Round each number to the nearest ten.

1. 907 _____   **2.** 75 _____   **3.** 196 _____

Solve.

> Students buying lunch at Rockwell Elementary School yesterday chose either burritos or pizza. 185 students chose burritos and 252 chose pizza.

4. Estimate the number of students who bought lunch by rounding each number to the nearest hundred.

_____

5. Estimate how many students bought lunch by rounding each number to the nearest ten.

_____

6. Find the total number of students who bought lunch. Which of your estimates is closer to the actual total? Explain.

_____

_____

7. Draw a figure on a sheet of paper. Estimate how many pennies will fit inside the figure. Check your prediction using pennies.

_____

Use rounding to decide if the answer is reasonable. Then find the answer to see if you were right.

8. 57 − 39 = 81   **9.** 143 − 74 = 69   **10.** 155 + 36 = 161

_____   _____   _____

Name _____   **Date** _____

Remembering

Add or subtract.

1. 5	**2.** 9	**3.** 7	**4.** 10	**5.** 8	**6.** 18
+ 8	− 6	+ 8	− 7	+ 3	− 9

Solve each problem. Label your answers with the correct units.

7. Mrs. Walters buys 30 square feet of outdoor carpeting for her patio. If one side of the carpet is 6 feet, what is the length of the adjacent side?

_____

8. The carpenter installs a rectangular wall that has a width of 5 feet and a height of 8 feet. He has square tiles that will cover 35 square feet. What is the area of the wall? Does the carpenter have enough tiles to cover the wall?

_____

Use rounding to decide if the answer is reasonable. Then find the answer to see if you were right.

9. $1{,}385 + 115 = 1{,}500$

_____

10. $602 + 284 = 796$

_____

11. $593 - 171 = 312$

_____

12. $983 - 442 = 541$

_____

13. $381 + 475 = 856$

_____

14. $395 + 284 = 808$

_____

15. Stretch Your Thinking Look back at Exercises 9–14. Choose an exercise that has a not reasonable answer. Explain why you said the answer was not reasonable.

_____

_____

_____

Round to the Nearest Ten

Solve using a numerical method and a proof drawing.

1. Nadia had 392 stickers. She bought 447 more. How many stickers does she have now?

_____

2. South Elementary School has 537 students. North Elementary School has 386 students. How many students do the schools have altogether?

_____

3. 329 + 655 = _____

4. 439 + 492 = _____

5. 612 + 216 = _____

6. 231 + 397 = _____

Unscramble the place values and write the number.

7. 4 hundreds + 2 tens + 5 ones _____

8. 7 ones + 3 hundreds _____

9. 3 tens + 9 hundreds _____

Name _____ **Date** _____

Remembering

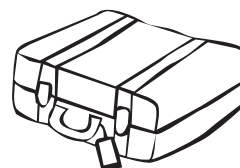**Choose the unit you would use to measure the weight of each object. Write *ounce* or *pound.***

1.

_____

2.

_____

3.

_____

Choose the unit you would use to measure the mass of each object. Write *gram* or *kilogram*.
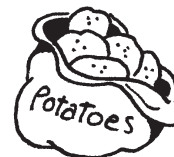
4.

_____

5.

_____

6.

_____

Solve.

> The zoo has 218 animals in the outdoor exhibits and 454 animals in the indoor exhibits.

7. Estimate the number of animals the zoo has by rounding each number to the nearest hundred.

_____

8. Estimate how many animals the zoo has by rounding each number to the nearest ten.

_____

9. Stretch Your Thinking Write an addition equation that will have a proof drawing with a new ten and a new hundred. Then make the proof drawing to check.

_____

Explore Multidigit Addition

4-8

Homework

Solve each problem using a numerical method and a proof drawing.

1. Delia guessed that there were 534 beans in a jar. When the contest ended, the beans were counted. There were 252 more beans than Delia guessed. How many beans were in the jar?

_____

2. Sal's Sandwich Shop sold 324 sandwiches last week. This week they sold 579 more sandwiches than they sold last week. How many sandwiches did the shop sell this week?

_____

3. An on-line music store sold 438 CDs on Monday and 325 CDs on Tuesday. How many CDs did the store sell on those two days?

_____

Write each addition vertically. Line up the places correctly and add. Make a proof drawing to show your answer is correct.

4. $657 + 69 = $ _____

5. $459 + 265 = $ _____

6. $256 + 99 = $ _____

![Remembering]

Solve. Use drawings if you need to.

1. The adults on Team A pour 4 liters of water into a bucket. The students on Team A pour 5 liters of water into the bucket. How many liters of water did Team A pour into the bucket?

_____

2. The florist has a bud vase that contains 950 milliliters of water. She pours out 320 milliliters of the water. How much water is left in the vase?

_____

Solve using a numerical method and a proof drawing.

3. Jared and Rachel are playing a video game. Jared has 463 points. Rachel has 329 points. How many points do they have altogether?

_____

4. 525 + 346 = _____

5. Stretch Your Thinking Write a word problem that would have a proof drawing with no new tens and no new hundreds. Explain how you chose your numbers. Solve using a numerical method and proof drawing.

_____

_____

_____

_____

Write each addition vertically. Decide which new groups you will make. Then, add to see if you were correct.

1. 256 + 273 _____

A new ten? _____

A new hundred? _____

2. 784 + 41 _____

A new ten? _____

A new hundred? _____

3. 184 + 924 _____

A new ten? _____

A new hundred? _____

A new thousand? _____

Add.

4.   490
\+ 421

5.   512
\+ 355

6.   1,629
\+   78

7.   239
\+   74

8.   198
\+ 299

9.   1,199
\+ 227

Write an equation and solve the problem.

10. The orchard has 246 fruit trees and 59 pecan trees. How many trees does the orchard have altogether?

_____

Remembering

**Estimate the length of the line segment in inches.
Then measure it to the nearest inch.**

1.

1 inch

Estimate: _____   Actual: _____

**Estimate the length of the line segment in inches.
Then measure it to the nearest $\frac{1}{2}$ inch.**

2.

Estimate: _____   Actual: _____

3.

Estimate: _____   Actual: _____

**Solve the problem using a numerical method and
a proof drawing.**

4. Sarah has 493 stickers in her collection.
Tyler has 245 stickers in his collection.
How many stickers do they have
altogether?

_____

5. Stretch Your Thinking Write an addition
equation that will have a new thousand,
a new hundred, and a new ten. Then solve.
Explain how you chose your numbers.

_____

_____

_____

Record Weights of Saltwater Fish

Type of Fish	Weight in Pounds
Atlantic Halibut	255
Blue Shark	454
Giant Sea Bass	563
Pacific Halibut	459
Yellowfin Tuna	388

Write an equation and solve the problem.

Show your work.

1. What is the combined weight of the two smallest saltwater fish in the table?

   _____

2. The total weight for which two fish is 913 pounds?
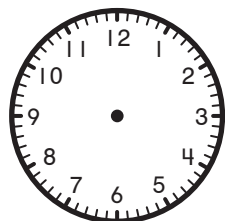
   _____

3. The total for which two fish is about 820 pounds?

   _____

4. The total weight for which two fish is about 700 pounds?

   _____

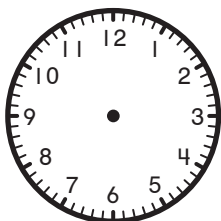5. The weight of which two fish rounds to the same number?

   _____

Remembering

**Draw the hands on the analog clock. Write
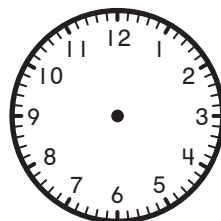the time on the digital clock.**

1. quarter after five   **2.** forty-eight minutes   **3.** ten thirty
after seven

**Write each addition vertically. Decide which new groups
you will make. Then, add to see if you were correct.**

4. 481 + 236

A new ten? _____

A new hundred? _____

5. 479 + 380

A new ten? _____

A new hundred? _____

6. Stretch Your Thinking Write
three different addition equations
that have a sum of 834 and
require at least one new group.

**Make a proof drawing and subtract numerically.
Show your ungroupings.**

1. Oksana made 147 bracelets to sell at the art fair.
By the end of the day Saturday, she had sold
63 bracelets. How many bracelets did she have left?

_____

2. Ms. Chao collects buttons. She had 382 buttons,
but sold 57 of them to other collectors. How
many buttons does she have left?

_____

3. On Monday morning, a bookstore had 412 copies
of a popular book. By the end of the day, they
had sold 153 copies of the book. How many
copies did they have left?

_____

**Subtract. Show your ungroupings. Make proof
drawings if you need to.**

4.   333
    − 71

5.   253
    − 172

6.   435
    − 89

7.   562
    − 267

8.   713
    − 53

9.   825
    − 716

Name _____ **Date** _____

Remembering

Add or subtract.

1.
15	8	3	14	7	13
− 8	+ 8	+ 9	− 5	+ 4	− 6

Solve. Use a clock or sketch a number line diagram if you need to.

2. Brandon arrives at practice at 5:30 P.M. The team does warm-up exercises for 20 minutes. Then they practice for 50 minutes. What time does practice end?

_____

3. Kate wants to watch a DVD that lasts 1 hour 30 minutes. What time does she have to start the DVD to be finished by 4:45 P.M.?

_____

Pet Sales

Type of Pet	Number
Birds	363
Fish	278
Cats	368
Dogs	451

Use the table for 4–5. Write an equation and solve the problem.

4. The total for which two pet sales is 731?

_____

5. What is the total number of sales for the two pets with the least numbers of sales?

_____

Show Your Work

6. Stretch Your Thinking Compare and contrast an addition place value drawing and a subtraction place value drawing.

_____

_____

Ungroup to Subtract

**Subtract. Show your ungroupings. Use
proof drawings if you need to.**

1. 400
    − 341

2. 700
    − 456

3. 300
    − 118

4. 500
    − 238

5. 200
    − 47

6. 800
    − 572

Solve each problem.

7. The school cafeteria holds 200 students.
   Mr. Thompson's class has 22 students who eat
   lunch in the cafeteria. How many more students
   can still eat in the cafeteria when Mr. Thompson's
   class has lunch?

   _____

8. The school library has 300 books on the topic of
   sports. Students have checked out seventy-four
   of those books. How many books on the topic
   of sports still remain in the library?

   _____

9. One hundred forty-five people attended the school
   basketball game. The game was played in an
   auditorium that seats four hundred people. How
   many more people could have attended the
   basketball game?

   _____

Name _____   **Date** _____

Remembering

Complete the table.

1.

Start Time	Elapsed Time	End Time
8:42 A.M.	1 hour 13 minutes	
2:13 P.M.	3 hours 24 minutes	
6:39 P.M.		8:53 P.M.
3:09 A.M.		8:00 A.M.
	2 hours 30 minutes	3:50 A.M.
	1 hour 26 minutes	8:42 P.M.

**Make a proof drawing and subtract numerically.**
Show your ungroupings.

2. The PTA has 248 tickets for the school
   raffle. They sold 82 tickets in the morning.
   How many tickets are left to sell?

   _____

3. There are 361 paper folders in the box.
   Brenda uses 85 of them for a presentation.
   How many paper folders are left in the box?

   _____

4. The restaurant has 436 straws in a basket.
   If they use 158 straws at lunch, how many
   straws will be left in the basket?

   _____

5. **Stretch Your Thinking** Write a word
   problem to match the proof drawing.
   Solve your problem.

   _____

   _____

   _____

   _____

Subtract Across Zeros
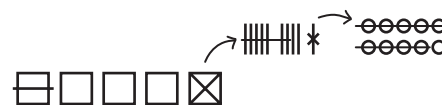
Homework

Solve each problem.

1. Colin needs 300 tickets to win a coloring book at the arcade. He already has 124 tickets. How many more tickets does he need?

_____

2. When the bookmobile arrived, it had 321 books. At the end of the day, there were 87 books left. How many books were borrowed?

_____

3. There are 504 students in Maya's school. All the students were scheduled to go on a field trip to the zoo. A total of 68 students were not able to go. How many students went on the field trip?

_____

4. Mark collects sports cards. He has 452 cards in his collection. He has 273 football cards and the rest are baseball cards. How many baseball cards does Mark have in his collection?

_____

Subtract.

5. $\begin{array}{r} 972 \\ -\ 129 \\ \hline \end{array}$ **6.** $\begin{array}{r} 300 \\ -\ 276 \\ \hline \end{array}$ **7.** $\begin{array}{r} 725 \\ -\ 458 \\ \hline \end{array}$

8. $\begin{array}{r} 462 \\ -\ 189 \\ \hline \end{array}$ **9.** $\begin{array}{r} 500 \\ -\ 236 \\ \hline \end{array}$ **10.** $\begin{array}{r} 997 \\ -\ 218 \\ \hline \end{array}$
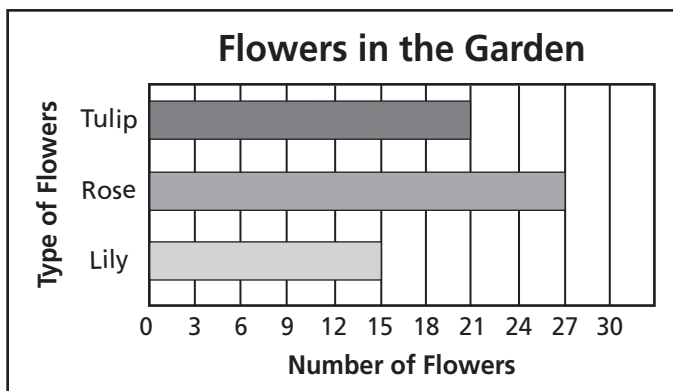
11. Write a word problem for one of the subtraction exercises above.

_____

_____

Remembering

Use the horizontal bar graph to answer each question.

1. How many roses are in the garden?

_____

2. How many more tulips are there than lilies?

_____

Flowers in the Garden

Type of Flowers: Tulip, Rose, Lily

Number of Flowers: 0 3 6 9 12 15 18 21 24 27 30

Subtract. Show your ungroupings. Use proof drawings if you need to.

3. 500
    − 246

4. 600
    − 392

5. 800
    − 417

6. Stretch Your Thinking Alexander starts with 500 star stickers. He uses some to make a poster. Now he has 286 star stickers. Which poster does he make? Explain how to solve.

_____

_____

_____

_____

_____

Poster	Number of Stars
Rewards	376
Constellations	286
Night Sky	214
Flags	204

Discuss Methods of Subtracting

Name _____ **Date** _____

Read each problem. Then follow the directions below the problem. Here is an addition word problem:

> At the school play, 194 people attended the show on the first night and 185 people attended the show on the second night. How many people attended the show the two nights?

1. Solve the problem. _____

2. Write a subtraction word problem related to the addition word problem. Then find the answer without doing any calculations.

_____

_____

_____

_____

Here is a subtraction word problem:

> Rosi had 200 sheets of construction paper. She used 67 sheets to make invitations to a party and the rest to make decorations. How many sheets did she use to make decorations?

3. Solve the problem. _____

4. Write an addition word problem related to the subtraction word problem. Then find the answer without doing any calculations.
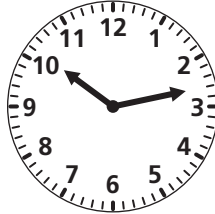
_____

_____

_____

_____

Remembering

Write the times as minutes *after* an hour and minutes *before* an hour.

1.

_____

_____

2.

_____

_____

3.

_____

_____

4.

_____

_____

5.
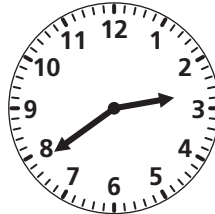
_____

_____

6.
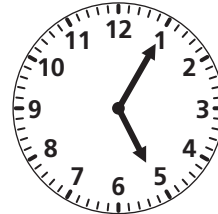
_____

_____

Subtract.

7.　841
　　− 617

8.　300
　　− 138

9.　953
　　− 386

10.　403
　　　− 248

11.　739
　　　− 492

12.　800
　　　− 361

13. Stretch Your Thinking The sum of two numbers is 892. Write an addition equation with the sum of 892. Then write a related subtraction equation.

_____

_____

_____

Name _____ Date _____

Solve each problem.

1. Joey has 450 baseball cards in his collection. If he gives his brother 190 cards, how many baseball cards will Joey have left in his collection?

_____

2. Susan downloaded 425 songs onto her cell phone. She gave her friend 148 of the songs. How many songs does Susan still have?

_____

3. Sahil's school football team scored 202 points in their ten games. The teams they played scored 158 points in those same ten games. How many more points did Sahil's school team score?

_____

4. Jennifer travelled 950 miles to visit her grandparents for summer vacation. She travelled 487 miles the first day. How many more miles did Jennifer need to travel to reach her grandparents?

_____

5. At the beginning of the school year, the bookstore had 130 copies of the third grade math book. By the end of the first month of school, all but 16 books were sold. How many math books were sold during the first month of school?

_____

Remembering

Make a math drawing for the problem and label it with a multiplication equation. Then write the answer to the problem.

1. The car dealership has its used cars arranged in 4 rows, with 5 cars in each row. How many used cars are there?

_____

Subtract.

2.   395
   − 104
   _____

3.   800
   − 352
   _____

4.   572
   − 498
   _____

Read the problem. Then follow the directions below the problem. Here is an addition word problem:

> Selena reads a book every week. The book she read last week had 149 pages. This week she just finished a book with 283 pages. How many pages did she read during the two weeks?

5. Solve the problem.

   _____

6. Write a subtraction word problem related to the addition word problem in Exercise 5. Then find the answer.

   _____

   _____

   _____

7. Stretch Your Thinking Use the number 382 to write a subtraction equation in which only the tens is ungrouped. Solve.

   _____

Solve.

1. Write and solve an addition word problem that has the numbers 268 and 487.

_____

_____

_____

2. Write and solve a subtraction word problem that has the numbers 194 and 526.

_____

_____

_____

3. The yearbook staff took a total of 905 photographs. They used 487 of the photographs in the yearbook. How many of the photographs were not used?

_____

4. Mr. Pinsky has to read a 362-page book for his book club. He read the first 129 pages last week. This week he has read 153 pages. How many pages does he have left to read?

_____

5. Travis went to three different zoos during his summer vacation. He saw 250 animals in all. Of the animals, 163 were babies. How many animals were not babies?

_____

Remembering

Solve.

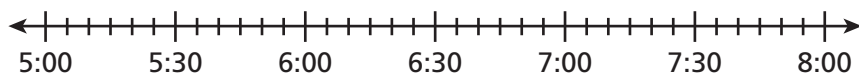1. Kali's piano practice begins at 4:10 P.M. She practices for 1 hour 15 minutes. Then she spends 40 minutes helping her mom with laundry. What time does Kali finish helping her mom?

_____

```
←|++++++|++++++|++++++|++++++|++++++|++++++|++++++|→
 4:00    4:30    5:00    5:30    6:00    6:30    7:00
```
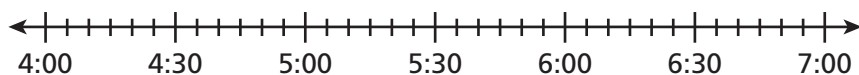
2. Jamal finishes watching a movie at 8:00 P.M. The movie was 2 hours 25 minutes long. At what time did the move start?

_____

```
←|++++++|++++++|++++++|++++++|++++++|++++++|++++++|→
 5:00    5:30    6:00    6:30    7:00    7:30    8:00
```

Solve the problem.

3. The singing competition started with 794 contestants. Now, only 247 contestants are still in the competition. How many contestants are no longer in the competition?

_____

4. **Stretch Your Thinking** Write a subtraction equation that has two 3-digit numbers with different hundreds digits and a difference of less than 100. Then solve.

_____

Homework

Name   Date

Solve each problem. Label your answers.

1. Maya had a dozen white eggs and a dozen brown eggs in her refrigerator. She used 6 white eggs and 8 brown eggs to make breakfast. How many eggs does she have left?

_____

2. Jake's family was on vacation for two weeks and five days. Seth's family was on vacation for three weeks and two days. How many fewer days was Jake on vacation than Seth?

_____

3. There are 48 dogs, 39 cats, and some birds at the pet store. There are a total of 99 pets. How many birds are at the pet store?

_____

4. The reading group checked out 36 library books. 17 books are fiction, 10 are biographies, and some are science. How many books are science?

_____

Use rounding to decide if the answer is reasonable. Write _yes_ or _no_. Then find the answer to see if you were correct.

5. A vendor at the baseball game sold 405 bottles of water on Saturday. She sold 127 fewer bottles on Sunday. She sold 178 bottles on Sunday.

_____

6. The bakery made 600 doughnuts. They made 384 more doughnuts than bagels. The bakery made 216 bagels.

_____

7. Randall found 54 seashells and his sister found 37 seashells at the beach. Together they found 91 seashells at the beach.

_____

8. Julia sold 56 tomatoes, 27 onions, and 38 peppers at the Farmers' Market. She sold 11 vegetables in all?

_____

Write the first-step question and answer. Then solve the problem.

1. The music teacher receives 9 boxes of recorders. There are
6 recorders in each box. She gives them out to the third graders
and has 5 recorders left. How many third graders received recorders?

_____

_____

2. The league has 30 new basketballs. The league shares them equally
among the 6 teams. Each team donates one ball to charity. How many
new basketballs does each team have now?

_____

_____

Solve. Use drawings if you need to.   *Show Your Work.*

3. Mr. Franco buys 8 containers of laundry detergent.
Each container has 6 liters of detergent. How many
liters of detergent does Mr. Franco buy?

_____

4. Write and solve an addition word problem that has
the numbers 495 and 247.

_____

_____

5. **Stretch Your Thinking** Jada has a collection of
179 horse stickers, 218 bear stickers, and 307 cat
stickers. Jada says she has about 500 stickers altogether.
Is Jada's estimate reasonable? Explain. How many
stickers in all does Jada have in her collection?

_____

_____

You can travel from China to Sweden, Moscow, Mexico, and Paris and then back to China and never leave the state of Maine.

Use the map for Problems 1–4.

Solve.

1. How much farther is it from Moscow to Sweden than Sweden to China?

_____

2. If you traveled from China to Paris to Mexico and then to Moscow, how many miles would you travel in all?

_____

3. Suppose you made the trip from China to Sweden, Moscow, Mexico, and Paris and then back to China. About how many miles would you travel?

_____

_____

4. If you travel at 60 miles per hour, about how many hours would it take you to travel from Moscow to Sweden?

_____

SWEDEN

244 Miles

MAINE

233 Miles

MOSCOW

MEXICO   93 Miles

CHINA

78 Miles   75 Miles

PARIS

© Houghton Mifflin Harcourt Publishing Company

Remembering

Use the data to make a line plot.

1.

Crayon Lengths in Inches			
Tony	$3\frac{1}{2}$	Ellen	$2\frac{1}{2}$
Rocky	1	Alea	3
Joanna	$2\frac{1}{2}$	Paul	$3\frac{1}{2}$
Trisha	2	Chun	3
Kobe	3	Kurt	4

Crayon Lengths

$$1 \quad 1\frac{1}{2} \quad 2 \quad 2\frac{1}{2} \quad 3 \quad 3\frac{1}{2} \quad 4$$

Number of Inches
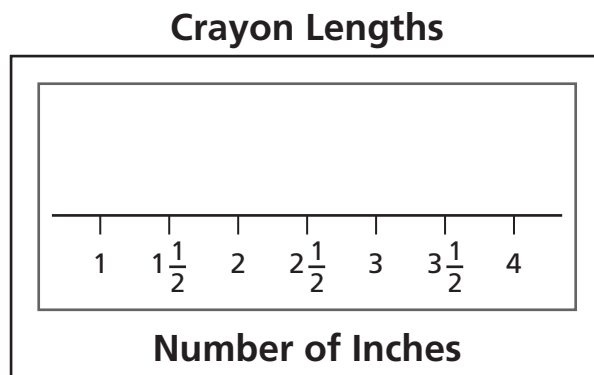
Use the data displays to answer the questions.

2. Which length appears most often?   _____

3. What is the length of the shortest crayon?   _____

4. What is the differences in length between the
shortest and longest crayons?   _____

**Use rounding to decide if the answer is reasonable. Write
yes or *no*. Then find the answer to see if you were correct.**

5. Brianna and Greyson are saving pennies. Brianna has a jar
with 348 pennies. Greyson has 395 pennies in his jar.
Together they have 653 pennies.

_____

6. Harrison Elementary School has 672 students. There are
313 girls. There are 359 boys in the school.

_____

7. Stretch Your Thinking Manuel drives 300 miles to Orlando,
Florida. He drives at 50 miles per hour. After driving for two
hours, he takes a 15-minute break. Two hours after his first
break, he takes a break for 30 minutes. Then he drives for two
more hours. Including the two breaks, how long does it take
Manuel to drive to Orlando?