Problem of the Day
Hank needs $25 to buy a book. He had $19; then he saved $5 more. Does he have enough to buy the book? Explain.

Quick Review
1. 4 + 9 =
2. 10 − 8 =
3. 30 + 50 =
4. 70 − 30 =
5. 40 + 1 =

Lesson Quiz
Tell how each number is used. Write position, count, measure, or label for each.
1. Building 417
2. 36 feet
3. ninth person in line
4. 12 crayons
Problem of the Day
What is the greatest number that can be made with the digits: 3, 8, and 5?

Quick Review
Add 10 to each number. What is the sum?
1. 19
2. 99
3. 295
4. 507
5. 614

Lesson Quiz
Write the place of the underlined digit. Then write its value.
1. 247
2. 810

Write each number in standard form.
3. 300 + 70 + 4
4. 100 + 6
Problem of the Day
Manny has three jars of pennies with 999 pennies in all. One jar has 295 pennies. How many pennies might be in each of the other two jars? (Hint: Find two numbers that, when added to 295, will equal 999.)

Quick Review
Find each sum.
1. 200 + 300 + 100
2. 400 + 100 + 20
3. 600 + 10 + 300
4. 50 + 700 + 30

Lesson Quiz
Tell if each is greater than, less than, or equal to 1,000.
1. 2 cartons of 100 apples
2. 10 packs of 100 pencils
3. 5 boxes of 1,000 needles
Problem of the Day
Neal had some paper. After he gave out 7 sheets to classmates, he had 16 sheets of paper left. How many sheets of paper did Neal have to start?

Quick Review
Write each number in two other ways. Use standard form, expanded form, and word form.
1. 100 + 50 + 7
2. three hundred twelve
3. 608

Lesson Quiz
Write the place value of the underlined digit. Then write its value.
1. 6,100
2. 1,418

Write each number in standard form.
3. 1,000 + 500 + 8
4. six thousand twenty-one
Problem of the Day
Dan is thinking of a two-digit number. The tens digit is less than the ones digit. If you add the digits, the sum is 4. What number is Dan thinking of?

Quick Review
Find the next number in the pattern.
1. 3, 5, 7, ___
2. 4, 6, 8, 10, ___
3. 4, 8, 12, 16, ___
4. 90, 80, 70, ___
5. 110, 115, 120, 125, ___

Lesson Quiz
Gwen is walking along the street. She sees the address numbers on buildings. The numbers are 203, 205, 207, and 209. The next address number is missing. What is the missing address number likely to be?
Problem of the Day
Helen’s notebook had 150 pages. She sees that she has 32 pages that are not used. How many pages in the notebook were used?

Quick Review
Write each number in two other ways. Use standard form, expanded form, and word form.
1. $4,000 + 600 + 30 + 8$
2. seven thousand, forty-one
3. 9,205

Lesson Quiz
Write each number in standard form.
1. $70,000 + 3,000 + 100 + 80 + 5$
2. thirty-eight thousand, six hundred nine
Problem of the Day
Thirty-four people were on a bus. Then 6 people got off, and 9 people got on. How many people were on the bus then?

Quick Review
Write each number in two other ways. Use standard form, expanded form, and word form.
1. 60,000 + 2,000 + 500 + 60 + 1
2. twenty-nine thousand, eight hundred seven
3. 35,080

Lesson Quiz
Write each number in standard form.
1. 200,000 + 10,000 + 4,000 + 70 + 5
2. nine hundred five thousand, two
Problem of the Day
Use the clues to find the number:
I am less than 56. I am greater than 48. Subtract my
digits to get 3. What number am I?

Quick Review
Use a pattern to find the missing number.
1. 15, 25, 35, ____, 55, 65
2. 403, 503, 603, ____, 803
3. 12, 23, 34, 45, 56, ____, 78
4. 987, 877, 767, 657, ____, 437
5. 211, 232, 253, 274, ____

Lesson Quiz
Compare. Write >, <, or = for each ___.
1. 87 __ 83
2. 2,058 __ 2,058
3. 3,089 __ 3,101
4. 140 __ 107
5. 4,915 __ 4,950
Problem of the Day
A package contains 100 computer disks. Mandy has used 37 disks so far. Has she used more or less than half of the package? How do you know?

Quick Review
Compare. Write >, <, or = for each .
1. 92 □ 96
2. 216 □ 207
3. 1,027 □ 1,027
4. 4,109 □ 4,190

Lesson Quiz
Write the numbers in order from greatest to least.
1. 94 103 98
2. 408 397 615
3. 956 973 1,294
4. 8,304 8,019 8,517
Problem of the Day
Matt is thinking of a two-digit number. Its tens digit is greater than 5. Its ones digit is less than 4 and is an even number. When you add the tens digit to the ones digit, the sum is 11. What is Matt’s number?

Quick Review
Write the numbers in order from least to greatest.
1. 932  706  97
2. 580  590  585
3. 1,296  1,269  986  1,074

Lesson Quiz
Round each number to the nearest ten.
1. 36
2. 45
3. 204

Round each number to the nearest hundred.
4. 682
5. 319
Problem of the Day
Thomas needs 37 paper plates for a party. Each package has 10 paper plates. How many packages of paper plates should Thomas buy so he is sure to have enough plates?

Quick Review
Round each number to the nearest hundred.
1. 286
2. 520
3. 947

Round to the place of the underlined digit.
4. 432
5. 735
6. 657

Lesson Quiz
Round to the place of the underlined digit.
1. 5,904
2. 3,078
3. 7,321
4. 8,472
5. 6,045
6. 9,306
Problem of the Day
Ed, Omar, and Mia had a 3-week reading contest. Ed read 9 chapters every week. Omar read 8 chapters the first week, 12 chapters the second week, and 6 chapters the third week. Mia read 14 chapters the first week, then 7 chapters each for two weeks. Who read the greatest number of chapters?

Quick Review
Round each number to the nearest thousand.
1. 2,358
2. 5,618
3. 7,025
4. 4,500

Lesson Quiz
Use the bar graph to solve each problem.
1. In which month did the greatest number of people visit the zoo?
2. Which two months had about the same number of visitors?
Problem of the Day
Nola saves pennies. Each week, she wants to save twice the number of pennies she saved in the last week. If she starts by saving 1 penny in the first week, how many pennies will she have saved at the end of the fourth week?

Quick Review
Write the value of the underlined digit.

1. 254
2. 489
3. 106
4. 960

Lesson Quiz
Write each amount using a dollar sign and a decimal point.

1. two dollars and fourteen cents
2. seventy-six cents
3. eight cents
4. nine dollars and thirty cents
Problem of the Day
Tony saved $1.90 last week. This week, he added two dimes to his savings. How much did Tony save in all?

Quick Review
Write each amount using a dollar sign and a decimal point.
1. three dollars and seventy cents
2. four dollars and twelve cents
3. seven cents
4. ninety-one cents

Lesson Quiz
Write each amount using a dollar sign and a decimal point.
1. 2 one-dollar bills, 1 half-dollar, 1 dime, 2 nickels
2. 1 half-dollar, 1 quarter, 2 nickels
3. 1 five-dollar bill, 1 one-dollar bill, 2 quarters, 7 dimes
4. 1 five-dollar bill, 1 one-dollar bill, 2 quarters, 7 dimes
Problem of the Day
You need two stamps that cost 37¢ each. List coins you could use to pay the exact amount for the stamps.

Quick Review
Write each amount using a dollar sign and a decimal point.
1. 7 one-dollar bills, 3 half-dollars, 4 dimes, 1 penny
2. 3 quarters, 1 nickel, 4 pennies

Lesson Quiz
1. Toby buys a hat for $2.79. He pays with $5.00. How much change should he receive?
2. Carla buys soap for $3.24. She pays with a ten-dollar bill. How much change should she receive? List the coins and bills she might receive.
Problem of the Day
Mavis, Leo, Paul, and Eva each have one coin. Eva has the smallest-sized coin. Paul’s coin has half the value of Eva’s coin. Mavis’s coin has 5 times the value of Paul’s coin. What coin does each person have?

Quick Review
Find the missing numbers in each pattern.
1.  5, 10, 15, 20, ____, ____, ____
2.  50, 75, 100, 125, ____, ____,
3.  50, ____, ____, ____, 250, 300

Lesson Quiz
1. Jed has 3 quarters, 1 nickel, and 2 pennies. Lois has 1 half-dollar and 4 dimes. Who has more money?
2. Pedro has 1 ten-dollar bill, 2 one-dollar bills, and 5 dimes. Mark has 1 five-dollar bill, 6 one-dollar bills, and 3 quarters. Who has more money?
Problem of the Day
Jenna is doing research on rivers. She found that the Kentucky River is 259 miles long. Rounded to the nearest hundred, how many miles long is the Kentucky River?

Quick Review
Round each number to the nearest ten.
1. 316
2. 43
3. 907

Round each number to the nearest hundred.
4. 273
5. 528
6. 750

Lesson Quiz
Round each amount to the place of the underlined digit.
1. $4.37
2. $13.58
3. $29.14
4. $10.60
5. $47.09
6. $72.81
Problem of the Day
Paco has nine CDs in one box. He has three fewer CDs in another box. How many CDs does Paco have altogether?

Quick Review
Find each sum.
1. $9 + 4$
2. $3 + 8$
3. $5 + 7$
4. $6 + 9$
5. $8 + 5$

Lesson Quiz
Find each sum.
1. $9 + 3$
   $3 + 9$
2. $(4 + 6) + 8$
   $4 + (6 + 8)$
3. $0 + 7$
   $7 + 0$
4. $5 + 6 + (1 + 9)$
5. $7$
   $5$
   $+8$
Problem of the Day
Lionel spent $46 to buy two shirts. They were about the same price. The price of one shirt was $2 greater than the price of the other shirt. What were the prices of the two shirts?

Quick Review
Find each sum.
1. 30  2. 50  3. 500
   +80  +90  +400

Lesson Quiz
Round each number to the greatest place.
Then add.
1. 45  2. 671  3. $3.37
   +19  +219  + 4.06
Problem of the Day
Meg made a pattern with blocks. Her first row had 5 blocks. Her second row had 6 blocks. Her third row had 8 blocks. Her fourth row had 11 blocks. Her fifth row had 15 blocks. If Meg continues her pattern, how many blocks will be in the sixth row? In the seventh row?

Quick Review
Round each number to the greatest place. Then add.
1. 29
   +53
2. 318
   +237
3. 150
   +482

Lesson Quiz
Find each sum.
1. 48
   +36
2. 347
   +215
3. $539
   +402
Problem of the Day
Ivan buys a birthday card for $2.75 and wrapping paper for $3.69. Rounded to the nearest dollar, what is the total cost of the card and wrapping paper?

Quick Review
Find each sum.
1. 27
   +59
2. 128
   +345
3. $406
   + 287

Lesson Quiz
Add. Check by adding upward.
1. 264
   +159
2. 48
   +73
3. $3.57
   + 2.93
Problem of the Day
A carton holds 10 bags of apples, with 10 apples in each bag. To make applesauce, Miles took 2 bags of apples and half of another bag from the carton. How many apples are left in the carton?

Quick Review
1. 2. 3.
   1. 378   2. 849   3. $3.98
      +540     +125     + 3.73

Lesson Quiz
Use guess and check to solve Problems 1–2.
1. Tran has 45 trees on his land. He has 5 more oaks than maples. How many of each kind of tree does Tran have?
2. Liz has 26 plants in her garden. She has 8 fewer tomato plants than pepper plants. How many of each kind of plant does Liz have?
Problem of the Day
Sue saves pennies, dimes, and one-dollar bills. Whenever she has 10 pennies, she trades them for 1 dime. Whenever she has 10 dimes, she trades them for a 1-dollar bill. Sue had 4 dollars, 7 dimes, and 8 pennies. Her mom gave her 3 dimes and 5 pennies. How many of each coin and bill will Sue have after she makes her trades?

Quick Review
Find each sum. Check by adding upward.
1. 38
   +94
2. 257
   +348
3. $4.92
   +2.87

Lesson Quiz
Add. Check by adding in a different order.
1. 37
   +45
2. 1,232
   +615
3. $3.09
   +4.72
Problem of the Day
The Lupo family took a summer trip. They drove 1,100 miles in one week. Then the family drove half that number of miles the next week. How many miles did the Lupo family drive in the two weeks?

Quick Review
Add. Check by adding in a different order.

1. \[37 + 24 = 61\]
2. \[1,421 + 640 = 2,061\]
3. \[3.25 + 1.46 = 4.71\]

Lesson Quiz
Find each sum. Estimate to check.

1. \[5,703 + 2,548 = 8,251\]
2. \[3,579 + 6,421 = 10,000\]
3. \[\$42.69 + 35.73 = \$78.42\]
Problem of the Day
Oscar bought a shirt for $24.97. He bought shoes for $38.59. He bought a book for $14.98. What was the total cost of the shirt and shoes?

Quick Review
Find each sum. Estimate to check.

1. 2,357 + 3,935
2. 5,068 + 1,952
3. $27.84 + 46.39

Lesson Quiz
Add. Choose mental math, paper and pencil, or calculator. Explain your choice.

1. 285 + 3,400
2. 2,480 + 5,010
3. 453 + 397
Problem of the Day
Amy made a scarf of blue squares and red squares. She used 5 more red squares than blue squares. She used 31 squares in all. How many blue squares did Amy use?

Quick Review
Add. Choose mental math, paper and pencil, or calculator. Explain your choice.

1. 375
   + 2,520
   2,895

2. $7.38
   + 2.30
   $9.68

3. 1,784
   + 2,759
   4,543

Lesson Quiz
Solve. Tell whether you need an exact answer or an estimate.

1. Mr. Clark bakes bread twice a day. One morning, he baked 178 loaves. Later, he baked 217 loaves. How many loaves of bread did he bake that day?
Problem of the Day
Clinton made a pattern with beads. In the first row, he used 2 beads. In the second row, he used 3 beads. In the third row, he used 5 beads. In the fourth row, he used 8 beads. In the fifth row, he used 12 beads. If Clinton continues the pattern, how many beads will he use in the sixth row and in the seventh row?

Quick Review
Find each difference.
1. 9 – 3
2. 12 – 7
3. 14 – 8
4. 11 – 5

Lesson Quiz
Subtract.
1. 15 – 0
2. 53 – 53
3. 88 – 88
4. 20 – 0
Problem of the Day
Jane had some stickers. After getting 6 more stickers, she had 15 stickers in all. How many stickers did Jane have at the start?

Quick Review
Find each sum.
1. $7 + 5$
   $5 + 7$
2. $3 + 8$
   $8 + 3$
3. $8 + 6$
   $6 + 8$
4. $9 + 5$
   $5 + 9$

Lesson Quiz
Complete each fact family.
1. $4 + 8 = 12$
   $8 + 4 = □$
   $12 − □ = 4$
   $12 − 4 = □$
2. $7 + 9 = 16$
   $9 + 7 = □$
   $□ − 9 = 7$
   $16 − 7 = □$

Write two related subtraction sentences for each.
3. $5 + 7 = 12$
4. $9 + 8 = 17$
Problem of the Day
Valerie bowled a score of 65 in her first game. In her second game, her score was 9 less. What was Valerie’s score in the second game?

Quick Review
Find each difference.
1. 50
   -10
2. 90
   -70
3. 400
   -200

Lesson Quiz
Round each number to the greatest place. Then subtract.
1. 61
   -37
2. 783
   -250
3. $9.12
   - 8.23
Problem of the Day
Ming wants to buy two sets of markers that cost $4.19 each. He also wants a pad of drawing paper that costs $1.97. Rounded to the nearest dollar, about how much more do the two sets of markers cost than the paper?

Quick Review
Round each number to the greatest place.
Then subtract.
1. 75 2. 538 3. $6.59
   \[ \begin{align*}
   &-32 \\
   &-194 \\
   &-2.07 \\
   \end{align*} \]

Lesson Quiz
Find each difference. Estimate to check.
1. 42 2. 963 3. $85
   \[ \begin{align*}
   &-18 \\
   &-527 \\
   &-39 \\
   \end{align*} \]
Problem of the Day
Sandra has 24 red marbles and 28 blue marbles. Jerome has 35 red marbles and 19 blue marbles. Who has the greater number of red and blue marbles?

Quick Review
Find each difference. Estimate to check.
1. 74
   \[ \boxed{38} \]
2. 677
   \[ \boxed{258} \]
3. $59
   \[ \boxed{17} \]

Lesson Quiz
Subtract. Check by adding.
1. 431
   \[ \boxed{286} \]
2. 852
   \[ \boxed{307} \]
3. $8.46
   \[ \boxed{4.79} \]
Problem of the Day
Mr. Carey brought 30 baskets of plums to sell at the farmers’ market. Each basket had 10 plums. By the end of the day, Mr. Carey had 4 whole boxes left and one box with 3 plums left. He sold all the rest. How many plums did he sell?

Quick Review
Subtract. Check by adding.
1. 825  
   \[\begin{array}{c}
   -379 \\
   \end{array}\]
2. 731  
   \[\begin{array}{c}
   -244 \\
   \end{array}\]
3. $9.79  
   \[\begin{array}{c}
   -5.90 \\
   \end{array}\]

Lesson Quiz
Find each difference. Check by adding or estimating.
1. 3,924  
   \[\begin{array}{c}
   -1,687 \\
   \end{array}\]
2. 6,852  
   \[\begin{array}{c}
   -6,357 \\
   \end{array}\]
3. $76.11  
   \[\begin{array}{c}
   -23.40 \\
   \end{array}\]
Problem of the Day
Mateo bought a paint brush for $4.77. He paid with a $5.00 bill. What coins might Mateo receive as correct change?

Quick Review
Find each difference. Check by adding or estimating.
1. 924  2. 6,852  3. 7,610
   −687    −2,357    −2,342

Lesson Quiz
Subtract. Check by using addition or estimation.
1. 300  2. 6,002  3. 7,104
   −162    −2,254    −3,859
Problem of the Day
Today is May 16. May has 31 days. Jed is going camping on June 19. Not counting May 16, how many days are there until Jed’s trip?

Quick Review
Subtract. Check by adding or estimating.
1. 607
   \[\text{2. } 486\]
   \[\text{3. } 1,000\]
   \[\text{2. } 486\]
   \[\text{3. } 1,000\]
   \[\text{2. } 486\]
   \[\text{3. } 1,000\]
   \[\text{2. } 486\]
   \[\text{3. } 1,000\]
   
   \[\text{2. } 486\]
   \[\text{3. } 1,000\]
   \[\text{2. } 486\]
   \[\text{3. } 1,000\]
   \[\text{2. } 486\]
   \[\text{3. } 1,000\]
   \[\text{2. } 486\]
   \[\text{3. } 1,000\]
   \[\text{2. } 486\]
   \[\text{3. } 1,000\]
   \[\text{2. } 486\]
   \[\text{3. } 1,000\]
   \[\text{2. } 486\]
   \[\text{3. } 1,000\]
   \[\text{2. } 486\]
   \[\text{3. } 1,000\]
   
Lesson Quiz
Solve. Explain your answer.
1. Gabe gives out racing vests to runners. There are 345 runners in all. He has given out 178 vests so far. How many runners need vests?
2. Nell is taking a survey of 1,000 people. So far, 657 people have answered the survey. How many more responses does Nell need?
Problem of the Day
Kendra surveyed 50 people. She asked them which of three fruits they like best: apples, bananas, or oranges. 18 people chose apples, and 13 people chose bananas. How many people chose oranges?

Quick Review
Add or subtract.
1.  $7.00
2.  $5.09
3.  $35.88
   \[ -3.51 \]
   \[ -1.50 \]
   \[ +46.08 \]

Lesson Quiz
Use the tally chart to answer Questions 1–3.
1. How many votes did the Music Studio get?
2. How many fewer votes did the Science Museum get than the Farm?

<table>
<thead>
<tr>
<th>Trip</th>
<th>Tally</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science Museum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Farm</td>
<td>####</td>
<td></td>
</tr>
<tr>
<td>Music Studio</td>
<td>####</td>
<td></td>
</tr>
<tr>
<td>Newspaper</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Problem of the Day
Mrs. Baker’s class took a survey of 30 people. Half of the people said they have cereal for breakfast. How many people said they have cereal for breakfast?

Quick Review
Write the numbers in order from least to greatest.
1. 702  207  270
2. 106  82  99  94
3. 518  513  477  575

Lesson Quiz
Use the table to answer question 1.
1. What is the range of the data?
   The median?
   The mode?
   The mean?

<table>
<thead>
<tr>
<th>Tour Boats</th>
<th>Seats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ace</td>
<td>8</td>
</tr>
<tr>
<td>Bull</td>
<td>6</td>
</tr>
<tr>
<td>Cape</td>
<td>5</td>
</tr>
<tr>
<td>Dive</td>
<td>8</td>
</tr>
<tr>
<td>Eagle</td>
<td>3</td>
</tr>
</tbody>
</table>
Problem of the Day
Vijay surveyed 100 people about their favorite pets. He gave 4 choices: dog, cat, bird, or fish. When he studied the data, he saw that the mean, median, and mode were all the same. The range was 0. How many votes did Vijay get for each pet?

Quick Review
Use the table to answer Question 1.

1. What is the range of the data?

<table>
<thead>
<tr>
<th>Milk Sales</th>
</tr>
</thead>
<tbody>
<tr>
<td>Store</td>
</tr>
<tr>
<td>Bradley’s</td>
</tr>
<tr>
<td>Food Place</td>
</tr>
<tr>
<td>Garden Mart</td>
</tr>
<tr>
<td>Super Shop</td>
</tr>
<tr>
<td>Walker’s</td>
</tr>
</tbody>
</table>

Lesson Quiz
The table shows data on students who play the recorder. Use the table to make a line plot. Then answer Question 1.

1. What is the range of the data?

<table>
<thead>
<tr>
<th>Third-Grade Recorder Players</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class</td>
</tr>
<tr>
<td>-------</td>
</tr>
<tr>
<td>3-R</td>
</tr>
<tr>
<td>3-B</td>
</tr>
<tr>
<td>3-J</td>
</tr>
</tbody>
</table>
Problem of the Day
Rahim rode 12 miles on a bike trail. Then he turned around and rode back on the same trail for 5 miles until he stopped to rest. Then he rode back 3 more miles. How many miles is he from where he began?

Quick Review
Use the line plot to answer Question 1.

1. What is the mode of the data? The range?

Lesson Quiz
Make a table to solve the problem.

Kelli is learning to tie fancy knots. She learned 4 knots the first week. Each week after, she learned 3 more knots. How many knots did she know after 5 weeks?
Problem of the Day
Lola has 23 star stickers, 18 shoe stickers, and 31 dog stickers. How many more dog stickers than shoe stickers does Lola have?

Quick Review
Find the next three numbers in each pattern.
1. 6, 8, 10, 12, ___, ___, ___
2. 20, 25, 30, ___, ___, ___
3. 9, 12, 15, 18, ___, ___, ___
4. 9, 13, 17, 21, ___, ___, ___

Lesson Quiz

<table>
<thead>
<tr>
<th>Trees Sold in Four Weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week</td>
</tr>
<tr>
<td>Week 1</td>
</tr>
<tr>
<td>Week 2</td>
</tr>
<tr>
<td>Week 3</td>
</tr>
<tr>
<td>Week 4</td>
</tr>
</tbody>
</table>

1. Make a pictograph of the data in the table. Explain how you chose your symbol.
Problem of the Day
Janice skip counted by 3s to 30. Pedro skip counted by 5s to 45. Who said more numbers, Janice or Pedro?

Quick Review
Favorite Name for a Bird

<table>
<thead>
<tr>
<th>Name</th>
<th>♥♥♥♥♥</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tweety</td>
<td></td>
</tr>
<tr>
<td>Lala</td>
<td>♥♥♥♥♥♥</td>
</tr>
<tr>
<td>Bill</td>
<td>♥♥♥♥♥♥</td>
</tr>
<tr>
<td>Feather</td>
<td>♥♥♥♥♥</td>
</tr>
</tbody>
</table>

Each ♥ = 8 votes

1. How many people voted for Lala?
2. Which name got 8 votes?
3. What is the range of votes?

Lesson Quiz
Make a bar graph of the data in the table. Use a scale of 2.

<table>
<thead>
<tr>
<th>Favorite Seasons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Season</td>
</tr>
<tr>
<td>Winter</td>
</tr>
<tr>
<td>Spring</td>
</tr>
<tr>
<td>Summer</td>
</tr>
<tr>
<td>Fall</td>
</tr>
</tbody>
</table>
Problem of the Day
Percy had a treasure hunt at his birthday party. Otis found 6 toys. Felix found 4 toys. Bess found 7 toys. Suki found 3 toys. Joe found 5 toys. What was the mean number of toys found?

Quick Review
Add or subtract.
1. $475 + 388$
2. $800 - 246$
3. $605 - 260$
4. $295 + 307$

Lesson Quiz
Use the grid. Write the ordered pair for each point.
1. C
2. A
3. D
4. B
Problem of the Day
Ming walks down a street. He passes the following house numbers in order: 205, 209, 213, 217. What number will most likely be on the next house he passes?

Quick Review
Compare. Write >, <, or = for each .
1. 15 9
2. 18 81
3. 104 140
4. 10 + 2 5 + 7
5. 1,000 999

Lesson Quiz
In 1 and 2, write whether each event is impossible, unlikely, likely, or certain.
1. Abe Lincoln will visit your class.
2. The school day will end at midnight.
3. Draw a set of tiles that shows picking a blue tile is possible, but unlikely.
Problem of the Day
Ed put 5 red marbles and 2 blue marbles in a bag. He wants to add 1 marble to the bag to make it possible, but unlikely, to pick blue. What color should Ed add?

Quick Review
Write whether each event is impossible, unlikely, likely, or certain.
1. The sun will rise tomorrow.
2. You will pick a pink tile from a bag of 5 pink tiles and 1 blue tile.
3. A cat will go swimming.

Lesson Quiz
Use a spinner like the one shown. Make 25 spins. Record your results in a tally chart.

<table>
<thead>
<tr>
<th>Spinner Experiment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outcome</td>
</tr>
<tr>
<td>A</td>
</tr>
<tr>
<td>B</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>D</td>
</tr>
</tbody>
</table>

What did you expect to happen?
Problem of the Day
Tia needs milk and berries. At Gray’s Shop, milk costs $.79 a quart and berries are $3.69 a pint. At K&L Foods, milk is $.98 a quart and berries cost $3.33 a pint. At which store will Tia pay the lower total price?

Quick Review
Use a spinner like the one below. Make 25 spins. Record your results in a tally chart.

<table>
<thead>
<tr>
<th>Spinner Experiment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outcome</td>
</tr>
<tr>
<td>X</td>
</tr>
<tr>
<td>Y</td>
</tr>
<tr>
<td>Z</td>
</tr>
</tbody>
</table>

1. Give the probability of spinning X.

Lesson Quiz
Write the probability of picking each letter.
C O N N E C T I C U T
Problem of the Day
A store is giving away a free CD. Customers write their names on forms and put them into a box. Ted and 20 others fill out forms. What is the probability that Ted will win a CD?

Quick Review
Write whether each event is unlikely, likely, or certain.
1. You will pick a red tile from a bag of 5 red tiles and 1 blue tile.
2. You will pick a red tile from a bag of 1 red tile and 5 blue tiles.

Lesson Quiz
Li spun a spinner 20 times and recorded the results. Use the tally chart to answer the question.

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Tally</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Do you think the chance of spinning each letter is equal? Explain.
Problem of the Day
Jay practiced the piano five days last week. The table shows the number of minutes he played each time he practiced. What is the range of the data?

<table>
<thead>
<tr>
<th>Day</th>
<th>Mon.</th>
<th>Tue.</th>
<th>Wed.</th>
<th>Thu.</th>
<th>Fri.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minutes</td>
<td>14</td>
<td>17</td>
<td>25</td>
<td>8</td>
<td>30</td>
</tr>
</tbody>
</table>

Quick Review
Write the probability of picking each letter.

1. S  
2. M  
3. P  
4. L

Lesson Quiz
Suki and Wanda are playing a game. Suki moves when she spins an even number. Wanda moves when she spins an odd number. One part of the spinner needs a number. Will an even number or an odd number make the game fair?
Problem of the Day
Mrs. Baker needs juice. The store has small juice cartons that cost $2.00 each. Large juice cartons cost $3.00 each. Mrs. Baker buys two large juice cartons. What is the total cost of the juice she buys?

Quick Review
Find each sum.
1. $2 + 2 + 2$
2. $3 + 3 + 3$
3. $4 + 4 + 4$
4. $5 + 5 + 5$
5. $3 + 3 + 3 + 3$

Lesson Quiz
Write an addition sentence and a multiplication sentence for each.
1. 3 groups of 2
2. 5 groups of 3
Problem of the Day
Mike is putting eggs into a box. He puts 6 eggs in each row. He makes 4 rows. How many eggs does Mike put into the box?

Quick Review
Write an addition sentence and a multiplication sentence for each.
1. 3 groups of 7
2. 5 groups of 4

Write a multiplication sentence for each.
3. 1 + 1 + 1 + 1 = 4
4. 2 + 2 + 2 = 6
5. 6 + 6 = 12

Lesson Quiz
Write a multiplication sentence for the array.
Problem of the Day
Vernon bought a sheet of stamps with 3 rows of 6 stamps. He used 7 of the stamps. How many stamps does Vernon have left?

Quick Review
Write a multiplication sentence for each array.

Lesson Quiz
Multiply.

1. \[3 \times 2\]

2. \[2 \times 9\]

3. \[7 \times 2\]

4. \[6 \times 2\]
Problem of the Day
Miguel has 4 crayons. His sister has double the number of crayons that he has. How many crayons does his sister have?

Quick Review
Multiply.
1. 2       2. 2       3. 4       4. 10
   \times 5 \times 8 \times 2 \times 2

Lesson Quiz
Multiply.
1. 3       2. 8       3. 4
   \times 4 \times 4 \times 1

4. Each team in the relay race had 4 runners. There were 6 teams. How many runners were there in all?
Problem of the Day
Mr. Pak bought tickets at the amusement park for his family. He bought 3 children’s tickets and 2 adults’ tickets. Children’s tickets cost $4.00 each and adults’ tickets cost $6.00 each. What was the total cost of the tickets Mr. Pak bought?

Quick Review
Multiply.
1. 9 \times 2
2. 7 \times 4
3. 2 \times 7
4. 4 \times 4

Lesson Quiz
Find each product.
1. 5 \times 6
2. 5 \times 5
3. 7 \times 5
4. Jenny bought 8 bags of apples. Each bag had 5 apples. How many apples did Jenny buy?
Problem of the Day
A group of people went on a river trip. There were 4 rafts with 5 people on each raft. There were 2 canoes with 1 person in each canoe. How many people in all were on the river trip?

Quick Review
Multiply.
1. 5 \times 3 
2. 5 \times 8 
3. 4 \times 5 
4. 9 \times 5 

Lesson Quiz
Find each product.
1. 10 \times 2 
2. 10 \times 5 
3. 9 \times 10 
4. 8 \times 10
Problem of the Day
Latisha knits hats. After three weeks, she had 21 hats. In the third week, she knitted double the number of hats that she knitted in the first week. In the second week, she knitted 5 more hats than she did the first week. She knitted 9 hats the second week. How many hats did Latisha knit in the first week and third week?

Quick Review
Find each product.
1. 10 \times 4
2. 10 \times 7
3. 3 \times 10
4. 1 \times 10

Lesson Quiz
Make an organized list to solve the problem.
Chim has blue pants and black pants. He has a red shirt, green shirt, yellow shirt, and a white shirt. How many different combinations of pants and shirts can Chim make?
Problem of the Day
Enzo needs to find the total number of books in his bookcase. On the top shelf there are 12 books. On each of the next three shelves there are 5 books. On the bottom shelf there are no books. What is the total number of books in his bookcase?

Quick Review
Multiply.
1. 2
2. 4
3. 5
4. 10
×4 ×6 ×5 ×8

Lesson Quiz
Multiply.
1. 1
2. 9
3. 8
4. 4
×4 ×1 ×0

4. Man-Ling gave 1 apple to each of 3 friends. What multiplication sentence shows how many apples she gave to friends?
Problem of the Day
Miriam has 9 baskets. There are 0 muffins in each basket. How many muffins are there in all the baskets?

Quick Review
Multiply.
1. \[1 \times 8\]
2. \[2 \times 7\]
3. \[10 \times 2\]
4. \[4 \times 6\]

Lesson Quiz
Below are parts of a multiplication table. In which row or column is each part found?
1. 
   \[\begin{array}{cccc}
   8 & 10 & 12 & 14 \\
   \end{array}\]
2. 
   \[\begin{array}{cccc}
   12 & 18 & 24 & 30 \\
   \end{array}\]
3. 
   \[\begin{array}{cccc}
   7 & 14 & 21 & 28 \\
   \end{array}\]
Problem of the Day
Julisa is making a shirt using either white or blue cloth and circle-, square-, or triangle-shaped buttons. How many different combinations of cloth color and button shape can Julisa use?

Quick Review
Multiply.
1. 1
   \times 6
2. 2
   \times 2
3. 4
   \times 7
4. 5
   \times 8

Lesson Quiz
Find each product.
1. 3
   \times 2
2. 3
   \times 5
3. 4
   \times 3
4. 8
   \times 3
Problem of the Day
Mrs. Jackson gave 5 sheets of green drawing paper to each of 3 students. Then she gave 2 sheets of blue drawing paper to each of the students. How many sheets of drawing paper did Mrs. Jackson give out?

Quick Review
Find each product.

1. 3 \times 4
2. 3 \times 7
3. 5 \times 3
4. 9 \times 3

Lesson Quiz
Find each product.

1. 6 \times 2
2. 4 \times 6
3. 8 \times 6
4. 6 \times 7

5. Kevin saved $6.00 in each of 5 weeks. What was the total amount he saved?
Problem of the Day
Kendra measured her heart rate. She felt her pulse and counted the number of times her heart beat in 6 seconds. She counted 8 beats. What is the number of times her heart beats in 1 minute?
Hint: 1 minute = 60 seconds

Quick Review
Find each product.
1. 6 × 3
2. 6 × 6
3. 9 × 6
4. 6 × 5

Lesson Quiz
Find each product.
1. 7 × 5
2. 7 × 9
3. 0 × 7
4. 6 × 7
Problem of the Day
Philip rode his bicycle 2 miles each day for 7 days. What is the total number of miles he rode his bicycle? If he continues the pattern, how many miles will he ride in 14 days?

Quick Review
Find each product.
1. 7 \times 3
2. 7 \times 8
3. 6 \times 7
4. 10 \times 7

Lesson Quiz
Find each product.
1. 8 \times 2
2. 4 \times 8
3. 8 \times 6
4. 6 \times 8
Problem of the Day
Lonato is 2 years younger than his brother Jacy. Jacy is 10 years old. Lonato’s father is Lonato’s age multiplied by 5. How old is Lonato? How old is Lonato’s father?

Quick Review
Find each product.
1. $8 \times 7$
2. $5 \times 8$
3. $8 \times 8$
4. $9 \times 8$

Lesson Quiz
Find each product.
1. $9 \times 4$
2. $9 \times 9$
3. $5 \times 9$
4. $7 \times 9$
Problem of the Day
There are 4 baseball teams in the baseball club. Two teams are on the field. Each team has 9 players on the field. How many players are on the field in all?

Quick Review
Find each product.
1. \(9 \times 3\)
2. \(9 \times 8\)
3. \(6 \times 9\)
4. \(4 \times 9\)

Lesson Quiz
Write true or false for each statement. Give an example to support each answer.
1. All square numbers are products of a factor multiplied by 2.
2. Any multiple of 9 is also a multiple of 3.
Problem of the Day
Waneta is 8 years and 3 months old. How many months old is Waneta? Hint: 1 year = 12 months

Quick Review
Write true or false for each statement. Give an example to support each answer.
1. Any multiple of 8 is also a multiple of 2.
2. Square numbers are products of four factors that are the same.

Lesson Quiz
Find each product. Multiply factors in parentheses first.
1. \((4 \times 3) \times 2 = \)
2. \((2 \times 5) \times 8 = \)
3. \(6 \times (2 \times 3) = \)
4. \(7 \times (2 \times 2) = \)
Problem of the Day
The Parkside School was having a bake sale. There were 5 plates on each of 4 tables. Each plate had 2 cakes. How many cakes were on the 4 tables?

Quick Review
Find each product. Multiply factors in parentheses first.
1. \((5 \times 2) \times 4 = \) 
2. \(1 \times (8 \times 7) = \) 
3. \((3 \times 3) \times 5 = \) 
4. \(4 \times (0 \times 9) = \)

Lesson Quiz
Solve.
At the Grove Town Bakery, the bakers made 12 wheat loaves. The bakers made 4 times as many white loaves. How many more white loaves than wheat loaves did the bakers make?
Problem of the Day
Tran wants enough rolls for a picnic. He wants 2 rolls for each person. Seven people will be at the picnic. Rolls come in packs of 12 rolls or 16 rolls. Which pack should he buy?

Quick Review
Find the next 3 numbers in each pattern.
1. 16, 14, 12, 10, 8,
2. 27, 24, 21, 18, 15
3. 28, 24, 20, 16

Lesson Quiz
Find the number in each equal group, or the number of equal groups. Then complete each division sentence.

<table>
<thead>
<tr>
<th>Number of Counters</th>
<th>Number of Equal Groups</th>
<th>Number in Each Group</th>
<th>Division Sentence</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>2</td>
<td></td>
<td>$8 \div 2 = \underline{}$</td>
</tr>
<tr>
<td>20</td>
<td>4</td>
<td></td>
<td>$20 \div 4 = \underline{}$</td>
</tr>
<tr>
<td>12</td>
<td>6</td>
<td></td>
<td>$12 \div 6 = \underline{}$</td>
</tr>
</tbody>
</table>
Problem of the Day
Luisa has 20 stamps. She wants to put an equal number of stamps on 5 sheets. How many stamps should go on each sheet?

Quick Review
Find the number in each equal group, or the number of equal groups. Then complete each division sentence.

<table>
<thead>
<tr>
<th>Number of Counters</th>
<th>Number of Equal Groups</th>
<th>Number in Each Group</th>
<th>Division Sentence</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. 16</td>
<td>4</td>
<td></td>
<td>16 ÷ 4 = □</td>
</tr>
<tr>
<td>2. 18</td>
<td>3</td>
<td></td>
<td>18 ÷ 3 = □</td>
</tr>
</tbody>
</table>

Lesson Quiz
Use repeated subtraction on the number line to find each quotient.

1. \[12 \div 6 = □\]
2. \[15 \div 5 = □\]
Problem of the Day
Bruno has 24 eggs. He is making 6 cakes that use 3 eggs each. He will use the leftover eggs to make omelets. He needs 3 eggs for each omelet. How many omelets can Bruno make?

Quick Review
Find each quotient.

1. 18 ÷ 3 = □

Lesson Quiz
Complete each number sentence.

1. □ × 4 = 8
□ ÷ 2 = 4

2. □ × □ = 15
□ ÷ □ = 3
Problem of the Day
Keiko bought a sheet of stamps. There were 28 stamps in 7 rows. Then Keiko used up the stamps in one of the rows. How many stamps were left on the sheet?

Quick Review
Complete each number sentence.
1. □ □ □ □ □ □ □ □
   □ □ □ □ □ □ □ □
   □ × 6 = 12
   □ ÷ 2 = 6
2. □ □ □ □ □ □ □ □
   □ □ □ □ □ □ □ □
   3 × □ = 15
   15 ÷ □ = 5

Lesson Quiz
Divide.
1. 2)14
2. 2)18
3. 2)12
Problem of the Day
Zoller School was having a plant sale. There were 5 trays at each of 4 tables. Each tray had 3 plants. How many plants were at each table?

Quick Review
Find each answer.
1. $6 \times 4 =$
2. $9 + 3 =$
3. $16 - 9 =$
4. $14 \div 2 =$

Lesson Quiz
Solve. Tell which operation you used.
Josie wants to give out 20 apples to 5 campers. She wants each camper to have the same number of apples. How many apples should Josie give to each camper?
Problem of the Day
Terry saved the same amount of money each week for 7 weeks. He had $35.00 saved. If he continues the pattern of saving, what will be the total amount he will have saved after next week?

Quick Review
Divide.
1. \(8 \div 2 = \_\_\_\_\_\_\_\_
2. \(12 \div 2 = \_\_\_\_\_\_\_
3. \(2\overline{)6}
4. \(2\overline{)16}
5. \(2\overline{)18}

Lesson Quiz
Use the array to help you find the quotient.

\[
\begin{array}{c}
\square \square \square \\
\square \square \square \\
\square \square \square \\
\end{array}
\]
1. \(20 \div 5 = n\)

Divide.
2. \(5\overline{)30}
3. \(5\overline{)40}
4. \(5\overline{)5}\)
Problem of the Day
Nellie has 30 plums. How many baskets can she make if she puts 5 plums in each basket? How many baskets can she make if she puts 10 plums each basket?

Quick Review
Divide.
1. \(20 \div 5 = \quad \)
2. \(45 \div 5 = \quad \)
3. \(5)15\)
4. \(2)14\)
5. \(5)30\)

Lesson Quiz
Find each quotient.
1. \(20 \div 10 = \quad \)
2. \(100 \div 10 = \quad \)
3. \(10)40\)
4. \(10)80\)
5. \(10)60\)
Problem of the Day
Batini has a box of 45 crayons. She wants to give each of 5 students the same number of crayons. How many crayons should she give to each student?

Quick Review
Complete each number sentence.
1. $6 \times 2 = \square$
2. $3 + 5 = \square$
3. $15 \div 5 = \square$
4. $16 - 7 = \square$

Lesson Quiz
Write a number sentence to solve the problem. Suki makes bracelets. She puts 12 beads on each bracelet. How many beads will she use for 4 bracelets?
Problem of the Day
Palani is thinking of a number. When you multiply the number by 5, the product is 0. When you add the number to 5, the answer is 5. What number is Palani thinking of?

Quick Review
Multiply.
1. 1
2. 4
3. 0
4. 6
\[ \times 8 \quad \times 1 \quad \times 3 \quad \times 0 \]

Lesson Quiz
Divide.
1. 5 ÷ 1
2. 0 ÷ 1
3. 4 ÷ 4
4. 10 ÷ 1
5. 1)8
6. 9)9
7. 7)0
8. 1)6
Problem of the Day
Sandy and Gwen collect stickers. Sandy has 36 stickers. She put the stickers on 9 sheets with an equal number of stickers on each sheet. Gwen has 7 sheets with 5 stickers on each sheet. Who has more stickers on each sheet?

Quick Review
Find each quotient.
1. \(6 \div 6\)
2. \(7 \div 1\)

Find each product.
3. \(9 \times 5\)
4. \(8 \times 6\)

Lesson Quiz
Use a multiplication table to find each quotient.
1. \(28 \div 7\)
2. \(36 \div 6\)
3. \(32 \div 4\)
4. \(12 \div 3\)
5. \(56 \div 8\)
6. \(45 \div 9\)
Problem of the Day
James has 12 muffins. What are all the different ways that he can put the muffins into equal groups with the same number of muffins in each group?

Quick Review
Use a multiplication table to find each quotient.
1. \(18 \div 6\)
2. \(35 \div 7\)
3. \(24 \div 4\)
4. \(42 \div 6\)
5. \(64 \div 8\)
6. \(72 \div 9\)

Lesson Quiz
Copy and complete the fact family.
1. \(9 \times 4 = 36\)  \(36 \div 4 = \) 
   \(4 \times 9 = \)  \(36 \div 9 = \)

Write a fact family for the set of numbers.
2. \(4, 7, 28\)
Problem of the Day
Kelli will practice the piano each day for 21 days before her concert. For how many weeks will Kelli practice before her concert? Hint: 1 week has 7 days.

Quick Review
Copy and complete the fact family.
1. $4 \times 7 = 28$  
   $7 \times 4 = \square$  
   $28 \div 4 = \square$  
   $28 \div 7 = \square$

Write a fact family for the set of numbers.
2. $7, 8, 56$

Lesson Quiz
Divide.
1. $3 \overline{)21}$
2. $3 \overline{)27}$
3. $3 \overline{)15}$
4. $4 \overline{)16}$
Problem of the Day
Each book at the book fair costs $3.00. Bernie spent $12.00 on books. How many books did Bernie buy?

Quick Review
Divide.
1. \(9 \div 3\)
2. \(21 \div 3\)
3. \(3\)\(\overline{18}\)
4. \(5\)\(\overline{20}\)
5. \(2\)\(\overline{12}\)
6. \(10\)\(\overline{60}\)

Lesson Quiz
Find each factor and quotient.
1. \(4 \times \square = 24\)
   \(24 \div 4 = \square\)
2. \(4 \times \square = 36\)
   \(36 \div 4 = \square\)

Divide.
3. \(16 \div 4\)
4. \(4\overline{32}\)
Problem of the Day
Shondra wants to put 24 plants in the rows of her garden. She wants to put the same number of plants in each row. She might put the plants in 3, 4, or 6 rows. For which number of rows would Shondra have the greatest number of plants in each row?

Quick Review
Find each factor and quotient.
1. $4 \times \_ = 28$
   $28 \div 4 = \_$
2. $4 \times \_ = 32$
   $32 \div 4 = \_$

Divide.
3. $8 \div 4$
4. $4)12$
5. $4)36$

Lesson Quiz
Find the quotient.
1. $12 \div 6$
2. $30 \div 6$
3. $6)18$
4. $6)36$
Problem of the Day
Jamie has a piece of blue yarn that is 21 inches long. She cut the yarn into 3 equal pieces. She has a piece of red yarn that is 32 inches long. She cut the yarn into 4 equal pieces. Which were longer, the red pieces or the blue pieces?

Quick Review
Find the quotient.
1. \(24 \div 6\)
2. \(54 \div 6\)
3. \(6\overline{)48}\)
4. \(6\overline{)42}\)
5. \(3\overline{)27}\)
6. \(5\overline{)35}\)

Lesson Quiz
Draw a picture to solve the problem.
Man-Ling is making bracelets. She starts with a piece of string that is 48 inches long. She cut the string into 6 equal pieces. Then she cut these pieces in half. How long is each piece?
Problem of the Day
Nola is half the age of Susan. Jerry is twice the age of Susan. Susan is 14 years old. How old is Nola? How old is Jerry?

Quick Review
Find the quotient.
1. \( 24 \div 6 \)
2. \( 36 \div 6 \)
3. \( 6)54 \)
4. \( 6)42 \)
5. \( 10)70 \)
6. \( 3)24 \)

Lesson Quiz
Find each quotient.
1. \( 21 \div 7 \)
2. \( 7)49 \)
3. \( 7)56 \)
4. \( 7)35 \)
Problem of the Day
Pat puts 48 raisins into groups to go on top of muffins. She wants each muffin to have the same number of raisins. She is making 8 muffins. How many raisins go in each group?

Quick Review
Find each quotient.
1. $28 \div 7$
2. $63 \div 7$
3. $7)56$
4. $7)0$
5. $6)42$
6. $4)32$

Lesson Quiz
Find the quotient.
1. $48 \div 8$
2. $72 \div 8$
3. $8)40$
4. $8)32$
5. $7)49$
Problem of the Day
The 27 students in Ms. Diaz’s class are forming equal groups. Each group will study a different planet: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, and Pluto. How many students should be in each group?

Quick Review
Find each quotient.
1. 32 ÷ 8
2. 16 ÷ 8
3. 8\(\overline{64}\)
4. 8\(\overline{24}\)
5. 8\(\overline{72}\)

Lesson Quiz
Find the quotient.
1. 18 ÷ 9
2. 45 ÷ 9
3. 9\(\overline{27}\)
4. 9\(\overline{63}\)
5. 9\(\overline{36}\)
6. 9\(\overline{9}\)
Problem of the Day
Lorena started her science report at 1:00. She completed her report 2 hours later. At what time did Lorena complete her report?

Quick Review
Find the quotient.
1. 12 ÷ 3
2. 12 ÷ 6
3. 2\text{)12}
4. 4\text{)12}
5. 3\text{)15}
6. 6\text{)30}

Lesson Quiz
Write each time in at least two ways.
1. 
2.
Problem of the Day
Ralph wants to see a movie that starts at 3:45. Draw a clock face to show the time the movie starts.

Quick Review
Write each time using numbers.
1. forty-five minutes after nine
2. quarter after five
3. fifteen minutes after eight
4. fifteen minutes before twelve

Lesson Quiz
Write each time as minutes after the hour and minutes before the hour.
1.  
2.  

Problem of the Day
Yu-Jin looks at his watch. The time is 4:35. Yu-Jin needs to be home at 5:00. How many minutes before 5:00 is it?

Quick Review
Solve.
The hour hand on a clock points between 9 and 10. The minute hand points at 10. What time is it?

Lesson Quiz
Write each time as minutes after the hour and minutes before the hour.

1. [Clock image]

2. [Clock image]
Problem of the Day
Mr. Juarez takes a train at 8:00 A.M. from Oakville station. The train arrives 62 minutes later at Crest City. At what time does the train arrive at Crest City?

Quick Review
Write each time in words.
1. 12:53
2. 6:19

Lesson Quiz
Tell what time it will be
1. in 15 minutes
2. in 2 hours
Problem of the Day
Mehmet went to a baseball game. The game started at 11:00 A.M. It lasted 3 hours and 10 minutes. At what time did the baseball game end?

Quick Review
1. Nicole worked on her science report on Saturday. She started at 12:00 P.M. and finished at 1:15 P.M. How long did Nicole work on her report?

Lesson Quiz
Use the July calendar for Exercises 1–3.
1. What is the date of the third Sunday?
2. What date comes after July 31?
3. Anja has dance class every Thursday. How many times will she have dance class in July?
Problem of the Day
Mrs. Blane’s class makes a schedule of their day. The order of the activities is Reading, Math, Spelling, Lunch, Science, and Art. Each activity takes 1 hour. The day starts at 9:00 A.M. Make a schedule to show the start time and end time of each activity.

Quick Review
Solve.
Ariana’s violin lesson started at 12:15 P.M. It lasted 40 minutes. At what time did the violin lesson end?

Lesson Quiz
Use the schedule below for the problem.

<table>
<thead>
<tr>
<th>Josef’s Saturday Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activity</td>
</tr>
<tr>
<td>Karate</td>
</tr>
<tr>
<td>Study</td>
</tr>
<tr>
<td>Walk dog</td>
</tr>
</tbody>
</table>

Josef wants to swim at 11:30 A.M. Between which two activities will he swim?
Problem of the Day
The low temperature Friday was 52°F, and the high temperature was 63°F. Find the difference between the low and high temperatures.

Quick Review

<table>
<thead>
<tr>
<th>Vera’s Saturday Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activity</td>
</tr>
<tr>
<td>Lunch</td>
</tr>
<tr>
<td>Library</td>
</tr>
<tr>
<td>Music</td>
</tr>
</tbody>
</table>

Vera jogs at 3:15 P.M. Between which two activities should she jog?

Lesson Quiz
Write the temperature using °F and °C. Then write hot, warm, cool, or cold to describe the temperature.
therm segment 8°F
Problem of the Day
Kyle measured the length of a book using paper clips. Then he measured the same length using crayons. Which of these units did he likely use a greater number of?

Quick Review
Write the missing numbers.
1. 1, 2, 3, 4, 5, __, __, __, 9
2. 0, __, __, 3, 4, 5, 6, __
3. 12, 11, 10, 9, __, __, __, 5

Lesson Quiz
Use a ruler. Draw a line of each length.
1. 4 inches
2. 6 inches

Choose the better unit to measure each.
3. length of a marker
   a. paper clips  b. hand lengths
4. height of a chair
   a. paper clips  b. inch ruler
Problem of the Day
Belinda measured the length of a board. It measured exactly 9 inches. Then she cut the board in half. To the nearest inch, how long was each piece of board?

Quick Review
Use a ruler to draw each line segment.
1. 3 inches
2. 7 inches

Choose the better unit to measure each item.
3. height of a bush
   a. paper clips  b. inch ruler

Lesson Quiz
Use a ruler to draw each line segment.
1. $2\frac{1}{2}$ inches
2. $4\frac{1}{2}$ inches
3. $6\frac{1}{2}$ inches
4. 3 inches
Problem of the Day
Anja measured the length of a bean. It measured $6\frac{1}{2}$ inches. Then she cut the bean in half. To the nearest half inch, how long is each piece of bean?

Quick Review
Use a ruler to draw each line segment.

1. $5\frac{1}{2}$ inches
2. $1\frac{1}{2}$ inches
3. $2\frac{1}{2}$ inches
4. $6\frac{1}{2}$ inches

Lesson Quiz
Choose the better estimate.

1. length of a sofa
   a. 6 feet  b. 6 yards
2. the distance across a bridge
   a. 2 yards  b. 2 miles

Compare. Write $>$, $<$, or $=$ for each.

3. 4 ft $\bigcirc$ 1 yd
4. 250 yd $\bigcirc$ 1 mi
Problem of the Day
Mandi has a necklace that measures 15 inches long. Velma has a necklace that measures 1 foot, 2 inches long. Who has the longer necklace?

Quick Review
Choose the better estimate.

1. distance between exits on a highway
   a. 7 yards  b. 7 miles

2. height of a table
   a. 1 foot  b. 1 yard

Compare. Write >, <, or = for each “/”.

3. 9 ft  3 yd
4. 2,500 ft  1 mi

Lesson Quiz
Use logical reasoning to solve the problem.

Nolan has three lizards—Dino, Liz, and Fuzzy. Liz is 2 inches longer than Dino. Dino is 6 inches long. Liz is twice as long as Fuzzy. How long is Fuzzy?
Problem of the Day
Mr. Fong measured the length of the wall. It measured 10 yards. The painter wanted to know the length of the wall in feet. Will the number of feet be greater or less than the number of yards? Explain.

Quick Review
Use logical thinking to solve the problem.

Juana, Helen, and Sue each built part of a garden path. Sue’s part is 8 feet long. It is 2 feet shorter than Juana’s part. Juana’s part is 3 feet longer than Helen’s part. How long is Helen’s part?

Lesson Quiz
Find the missing measure.
1. 1 qt = ___ c
2. 4 pt = ___ c
3. 2 gal = ___ qt
4. 3 qt = ___ pt
5. 1 gal = ___ c
6. 1 gal = ___ pt
Problem of the Day
Mui-Lin is making punch. The recipe calls for 5 cups of orange juice, 4 cups of cranberry juice, and 3 cups of grape juice. Which size container should she use to hold all of the punch—cup, gallon, pint, or quart?

Quick Review
Find the missing measure.
1. 1 pt = ___ c
2. 3 pt = ___ c
3. 1 gal = ___ qt
4. 1 qt = ___ pt
5. 1 qt = ___ c
6. 1 gal = ___ c

Lesson Quiz
Choose the unit you would use to measure the capacity of each. Write cup, pint, quart, or gallon.
1. drinking glass
2. bathtub

Choose the better estimate.
3. pitcher
   2 qt or 2 gal
4. baby bottle
   1 qt or 1 pt
Problem of the Day
Plums weigh about 3 ounces each. About how many plums will be in a 2-pound bag of plums?

Quick Review
Choose the unit you would use to measure the capacity of each. Write cup, pint, quart, or gallon.
1. milk carton
2. mug

Choose the better estimate.
3. sink
   4 pt or 4 gal
4. apple sauce jar
   1 pt or 1 gal

Lesson Quiz
Choose the better estimate.
1. a television
   40 oz or 40 lb
2. a muffin
   4 lb or 4 oz
3. a spoon
   2 lb or 2 oz
4. a potato
   1 lb or 10 lb
Problem of the Day
Eve weighed three objects. The stapler weighed 2 pounds. The calculator weighed 3 ounces. The pad weighed 5 ounces. How many more ounces did the stapler weigh than the pad?

Quick Review
Choose the better estimate.
1. a cracker
   1 lb or 1 oz
2. a bowling ball
   1 lb or 10 lb

Lesson Quiz
Solve. If you cannot, tell what information you need.

A large bag of carrots weighs 3 pounds. A small bag of carrots weighs 12 ounces. Kevin buys 1 large bag and 2 small bags of carrots. Does he buy more than or less than 5 pounds of carrots?
Problem of the Day
Mi-ja measured the length of her shoe in paper clips. It was 8 paper clips long. The width of her shoe was about half as long as the length. About how many paper clips wide was Mi-ja’s shoe?

Quick Review
Write the missing numbers in each pattern.
1. 3, 4, 5, 6, ___, ___, ___, 10
2. 0, 10, 20, 30, ___, ___, ___, 70

Lesson Quiz
Choose the better estimate.
1. width of a tooth
   1 cm or 1 dm
2. length of a paintbrush
   2 cm or 2 dm

Compare. Write >, <, or = for each •.
3. 50 cm • 3 dm
4. 10 dm • 100 cm
Problem of the Day
Dana measured the length of a room using her bare foot. Then she measured the same length wearing a shoe. Which measure had the greater number of units—the measure using her bare foot or with a shoe on her foot?

Quick Review
Choose the better estimate.
1. length of a hair brush
   2 cm or 2 dm
2. width of a doorway
   10 cm or 10 dm

Lesson Quiz
Choose the unit you would use to measure each. Write m or km.
1. height of a bus
2. length of a river

Compare. Write >, <, or = for each .
3. 1 km 500 m
4. 7 km 8,000 m
Problem of the Day
Zahara is running in a race that is 5 kilometers long. She has completed exactly one half of the race. How many meters has Zahara run so far?

Quick Review
Choose the unit you would use to measure each. Write \( m \) or \( km \).
1. distance between cities
2. length of a truck

Compare. Write \( >, <, \) or \( = \) for each \( \bigcirc \).
3. \( 3,000 \text{ m} \bigcirc 3 \text{ k} \)
4. \( 500 \text{ m} \bigcirc 15 \text{ k} \)

Lesson Quiz
Choose the unit to measure the capacity. Write \( mL \) or \( L \).
1. soup spoon
2. bathtub
Problem of the Day
Karen needs 750 milliliters of water. She has a jar with 600 mL. She also has a 1-liter bottle of water. Karen pours water from the bottle into the jar to make 750 milliliters. How many milliliters of water will be left in the 1-liter bottle?

Quick Review
Choose the better estimate for the capacity of each.
1. milk carton
   1 L or 50 mL
2. tea cup
   100 mL or 3 L

Lesson Quiz
Work backward to solve the problem.
1. Leon weighed a bag of pears. Then he added 4 pounds of pears to the bag. After he took out 5 pounds of pears, the bag weighed 3 pounds. How much did the bag weigh at the start?
Problem of the Day
Trevor drinks 2 liters of water each day. He drank 300 milliliters of water so far today. How much more water, in milliliters, does Trevor need to drink today?

Quick Review
Work backward to solve the problem.
Sal used a piece of ribbon to wrap a gift. He cut the ribbon into two equal pieces. Then he cut 6 centimeters off one piece. This gave him a piece that was 12 centimeters long. How long was the original piece of ribbon?

Lesson Quiz
Choose the unit you would use to measure the mass of each. Write g or kg.
1. a table
2. a ring

Choose the better estimate.
3. a potato
   6 kg or 600 g
4. a dog
   10 kg or 1 kg
Problem of the Day
Philip measured the mass of a dictionary, a CD, and his dog. He recorded the measures in a chart. The measures are 90 g, 15 kg, and 2 kg. Which measure most likely belongs with which item?

Quick Review
Use a ruler. Draw a line segment of each length.
1. 4 inches
2. 9 inches
3. 3 1/2 inches
4. 5 1/2 inches

Lesson Quiz
Write true or false for each. Draw a picture to explain your answer.
1. A line is a straight path that goes on without end in two directions.
2. Perpendicular lines are the same distance apart and never meet.
Problem of the Day
Batini saw this sign at a shop.

SALE THIS WEEK
ON ALL HATS

How many letters on the sign have at least one right angle?

Quick Review
Write true or false for each. Draw a picture to explain your answer.
1. A line segment has one end point and goes on in one direction without end.
2. An angle is formed by two line segments.

Lesson Quiz
Tell whether each figure is a polygon. If it is, write its name.
1.  
2.  

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Problem of the Day
Janeece saw this sign. What polygon names its shape?

Quick Review
Tell whether each figure is a polygon. Explain your answer
1. a triangle 2. a letter S

Lesson Quiz
Name the kind of triangle shown. Write equilateral, isosceles, right, or scalene.
1. 2.

3. 4.
Problem of the Day
Julian walked 5 blocks and made a right turn. He walked 5 more blocks. What kind of angle did Julian’s path make?

Quick Review
Draw an example of each.
1. right angle
2. parallel lines
3. isosceles triangle

Lesson Quiz
Tell whether the figure is a quadrilateral. If it has a special name, write it.
1. 
2. 
3. 
4. 
Problem of the Day
Jackson delivered the mail. On one block, the numbers on the buildings were: 194, 196, 198, 200. What are the next three numbers on the buildings likely to be?

Quick Review
Tell whether the figure is a quadrilateral.
Write yes or no.
1. pentagon 2. rectangle
3. parallelogram 4. octagon

Lesson Quiz
Use a pattern to solve the problem.

Look at the pattern of shapes below. Draw the next 3 shapes in the pattern.
♥ ♦ ●  ♦ ♥ ♦ ●  ♦ ♥
Problem of the Day
Peter drew shapes in a pattern.

What is the special name of the triangle that comes next in the pattern?

Quick Review
Use a pattern to solve the problem.

Rose is drawing a pattern using blocks. In the first row she uses 1 block. In the second row she uses 3 blocks. She continues, drawing each row with 2 more blocks than the row before it. How many blocks will be in the sixth row of her pattern?

Lesson Quiz
Name the solid figure that each object looks like.

1. 2. 3. 
Problem of the Day
Felicia is wrapping a box for a gift. The box has the shape of a rectangular prism. How many faces does the box have?

Quick Review
Name the solid figure that each object looks like.
1. 2. 3.

Lesson Quiz
Write true or false for each. If false, write a statement that is true.
1. A cone has a circle-shaped face.
2. A cylinder has triangle-shaped faces.
Problem of the Day
Karen has a block with 5 faces. The shape of 4 of the faces is a triangle. The shape of 1 of the faces is a square. What is the name of Karen’s block?

Quick Review
Write true or false for each. If false, write a statement that is true
1. A cube has 8 faces.
2. A cylinder has circle-shaped faces.
3. A square is a rectangle.
4. All quadrilaterals have exactly 3 angles.

Lesson Quiz
Trace the first figure. Place the traced figure on top of the other figures. Then choose the figure that is congruent to it. Write a, b, or c.
Problem of the Day
Sergio drew a shape with 4 sides. All the sides were equal in length. The shape had 4 right angles. What shape did Sergio draw?

Quick Review
1. Draw a pair of congruent figures.
2. Draw a pair of figures that are not congruent.

Lesson Quiz
Tell whether the two figures in each exercise are similar.

1. 
2.
Problem of the Day
Ruby drew a rectangle 16 units long and 12 units high. She drew a similar rectangle. If this rectangle was 4 units long, how many units high was it?

Quick Review
Write true or false for each sentence. Then write about or draw an example to explain your answer.
1. All squares are congruent.
2. Some rectangles are similar.

Lesson Quiz
1. Draw the letter M with a line of symmetry. Then draw another letter that has symmetry.
2. Does the letter O have more than one line of symmetry? Draw a picture to explain your thinking.
Problem of the Day
Vernon drew a sign using block letters.

BOOK SALE TODAY

How many of the 13 letters have symmetry?
Which letters have line symmetry?

Quick Review
1. Draw a star so that it has a line of symmetry.
2. Does a square have more than one line of symmetry? Draw a picture to explain your thinking.

Lesson Quiz
Does the figure show a slide, flip, or turn? Write slide, flip, or turn.
1. 
2. 
Problem of the Day
Tran drew a figure that has two rays with the same endpoint. What is the name of the figure Tran drew? Draw another example of this kind of figure.

Quick Review
1. Draw a figure and a turn of the figure.
2. Draw a figure and a flip of the figure.

Lesson Quiz
Look at the pattern below. Which is the missing piece of the pattern?

A  
B

C  
D
Problem of the Day
Four runners on a track team ran a relay race. Randi ran 2 miles. Luis ran 3 miles. Tom ran 4 miles. Kevin ran 3 miles. How many miles did the team members run in all?

Quick Review
Find each sum.
1. \(5 + 4 + 5 + 4\)
2. \(3 + 6 + 9\)
3. \(4 + 4 + 2 + 2\)
4. \(6 + 7 + 7 + 6\)

Lesson Quiz
Estimate the perimeter of each object in inches. Record your estimates. Then find the perimeter of each object using paper clips and a ruler, measuring to the nearest half inch.

1. a sheet of paper
2. crayon box
Problem of the Day
Juana drew two different rectangles. Each rectangle had a perimeter of 24 inches. What rectangles might Juana have drawn? Draw rectangles to show your answer. List the length of the sides of your rectangles.

Quick Review
Find each sum.
1. 15 + 8 + 15 + 8
2. 6 + 4 + 12 + 8 + 5
3. 4 + 10 + 3 + 9 + 2 + 11
4. 20 + 17 + 20 + 17

Lesson Quiz
Find the perimeter of the figure.
Problem of the Day
Janice has 3 rows of 4 stamps left. She wants to mail 15 letters. If each letter needs 1 stamp, will Janice have enough stamps? Explain.

Quick Review
Solve.
A garden has 5 sides. The lengths of four sides of the garden are 12 feet each. The perimeter of the garden is 57 feet. What is the length of the last side?

Lesson Quiz
Estimate the area of the figure.
Each □ = 1 square unit.
Problem of the Day
A square has an area of 16 square units. How many units long is each of its sides?

Quick Review
Tomas measured the area of a rectangle. The area was 24 square units. How might that rectangle look? Draw your answer on a grid.

Lesson Quiz
Find the area of the figure. Label your answer in square units.
Each ■ = 1 square unit.
Problem of the Day
A rectangle has an area of 12 square units. The length of one of its sides is 4 units. How many units long is the other side of the rectangle?

Quick Review
Use grid paper. Draw a figure that has an area of 15 square units.

Lesson Quiz
Use the diagram to solve the problem.

Mr. Diaz wants to tile the floor of his kitchen. Will $20 be enough to pay for the tiles? Explain.

Each of tile costs $2.
Problem of the Day
A building has 9 floors. If each floor has 8 windows, how many windows are there in the whole building?

Quick Review
Find each product.
1. $7 \times 3 \times 2$
2. $4 \times 5 \times 3$
3. $2 \times 6 \times 3$
4. $5 \times 6 \times 4$

Lesson Quiz
Look at the figure. Estimate the volume. Then build the figure with cubes. Write the estimate and the number of cubes you used.
Problem of the Day
A box has a volume of 24 unit cubes. It can hold three layers of cubes with the same number of cubes in each layer. How many unit cubes fit in each layer?

Quick Review
Two rectangular solid figures have the same shape. They are the same size. Are their volumes the same? Explain.

Lesson Quiz
Find the volume of the figure.
Each ■ = 1 cubic unit.
**Problem of the Day**
Dee had 40 tiles. Each tile covers 1 square unit. She used half of the tiles to cover her bathroom floor. What is the area of that floor? How many tiles are left?

**Quick Review**
Tell how each number is used. Write *position, count, measure, or label* for each.
1. 12 stripes
2. 6 feet
3. fifth in line
4. 17 Oak Street

**Lesson Quiz**
Solve each problem.
1. A rug has 5 equal parts. Three parts are red. What fraction of the rug is red?
2. A flag has 9 equal parts. It has 2 blue parts and 3 gray parts. The rest is green. What fraction of the flag is green?
Problem of the Day
Shelly designed a flag for her Field Day team. The flag has 6 equal parts. One part of the flag is purple, 1 part is yellow, and an equal number of parts are each blue and red. What fraction of the flag is blue?

Quick Review
Find each difference. Check each difference with addition.
1. 8 − 3
2. 10 − 7
3. 9 − 9
4. 6 − 5

Lesson Quiz
Write a fraction to name the part of each group that is gray.
1. ★★★★★★
2. ★★★★★
3. ★★★★★★★★★★★
4. ★★★★
Problem of the Day
Aya used 12 beads to make a bracelet. Six of the beads were red, 4 were blue, and 2 were white. Use the fraction $\frac{1}{2}$ to describe in two different ways the beads Aya used.

Quick Review
Find each quotient.
1. $12 \div 3$
2. $20 \div 4$
3. $18 \div 2$
4. $15 \div 5$

Lesson Quiz
Use counters to find each answer.
1. $\frac{1}{3}$ of 12
2. $\frac{1}{4}$ of 20
3. $\frac{1}{2}$ of 18
4. $\frac{1}{5}$ of 15
Problem of the Day
Judy practiced scales on the piano for \( \frac{1}{4} \) hour. Then she practiced songs for \( \frac{1}{2} \) hour. How many minutes did she practice in all?

Quick Review
Find each product.
1. \( 5 \times 4 \)
2. \( 6 \times 4 \)
3. \( 9 \times 4 \)
4. \( 7 \times 5 \)

Lesson Quiz
Solve. Show your work.
1. Alice bought 3 boxes of pens. Each box had 8 pens. She gave \( \frac{1}{4} \) of the pens to her sister. How many pens did she give to her sister?
2. Jamal made 18 bracelets to sell at the craft fair. He sold \( \frac{2}{3} \) of them. He gave 2 of the remaining bracelets to his mother. How many bracelets are left?
Problem of the Day
Ty and Amir each made a pizza. Ty cut his pizza into 8 equal slices. Amir cut his pizza into 6 equal slices. Each ate half of his own pizza. How many slices of pizza did each boy eat?

Quick Review
Find each answer.
1. \( \frac{1}{2} \) of 24
2. \( \frac{2}{4} \) of 24
3. \( \frac{3}{6} \) of 24
4. \( \frac{4}{8} \) of 24

Lesson Quiz
Use the circles to complete the equivalent fractions.

1. \( \frac{1}{2} = \frac{\Box}{6} \)
2. \( \frac{1}{4} = \frac{\Box}{8} \)
3. \( \frac{1}{3} = \frac{\Box}{9} \)
Problem of the Day
Niki’s plant is 7 inches tall. Ron’s plant is $\frac{1}{2}$ foot tall. Whose plant is taller? How much taller?

Quick Review
Write equivalent or not equivalent to describe the fractions in each pair.

1. \[ \frac{1}{3} \quad \frac{2}{6} \]
2. \[ \frac{1}{4} \quad \frac{1}{2} \]

Lesson Quiz
Describe the fractions as equivalent or not equivalent.

1. $\frac{1}{2}$ and $\frac{3}{5}$
2. $\frac{1}{3}$ and $\frac{3}{9}$
Problem of the Day
Li and José ate the same amount of their sandwiches. Li ate \(\frac{3}{4}\) of his sandwich. José’s sandwich was cut into 8 equal pieces. How many pieces did José eat? What fraction names that part of José’s sandwich?

Quick Review
Write each amount of money using a dollar sign and a decimal point.
1. 5 quarters
2. 11 dimes
3. 1 half dollar, 2 quarters, and 3 dimes

Lesson Quiz
Draw a picture of each improper fraction. Then write a whole number or mixed number.
1. \(\frac{7}{4}\)
2. \(\frac{12}{6}\)
3. \(\frac{5}{3}\)
Problem of the Day
Tia divided her poster into 4 equal parts. Ben divided his poster into 8 equal parts. They both colored $\frac{3}{4}$ of their posters red. How many parts of their posters did Tia and Ben color red?

Quick Review
Compare. Write $>$, $<$, or $=$ for each.
1. $36 \underline{\hspace{1cm}} 63$
2. $29 \underline{\hspace{1cm}} 29$
3. $265 \underline{\hspace{1cm}} 256$
4. $1,075 \underline{\hspace{1cm}} 1,100$

Lesson Quiz
Compare the fractions. Write $>$, $<$, or $=$ for each.
1. $\frac{1}{6} \underline{\hspace{1cm}} \frac{1}{2}$
2. $\frac{5}{8} \underline{\hspace{1cm}} \frac{3}{8}$
3. $\frac{1}{3} \underline{\hspace{1cm}} \frac{2}{6}$
4. $\frac{1}{10} \underline{\hspace{1cm}} \frac{1}{5}$
Problem of the Day
Shane and Latoya shared a sandwich. Shane ate \( \frac{1}{3} \) of the sandwich. Latoya ate \( \frac{5}{8} \) of the sandwich. Who ate more?

Quick Review
Compare. Write \( >, <, \) or \( = \) for each.

1. \( \frac{1}{2} \) \( \_\_\_\_\_\_\_ \) \( \frac{1}{3} \)

2. \( \frac{5}{6} \) \( \_\_\_\_\_\_\_ \) \( \frac{3}{6} \)

3. \( \frac{1}{4} \) \( \_\_\_\_\_\_\_ \) \( \frac{2}{7} \)

4. \( \frac{4}{8} \) \( \_\_\_\_\_\_\_ \) \( \frac{5}{10} \)

Lesson Quiz
Order the fractions from least to greatest.
Use fraction strips or draw a number line.

1. \( \frac{6}{7}, \frac{3}{7}, \frac{4}{7} \)

2. \( \frac{1}{5}, \frac{1}{2}, \frac{2}{5} \)

3. \( \frac{7}{10}, \frac{9}{10}, \frac{3}{10} \)

4. \( \frac{1}{4}, \frac{1}{3}, \frac{1}{8} \)
Problem of the Day
Tabitha has three dimes and 4 nickels. Joseph has 1 quarter, 1 dime, and 1 nickel. Who has more money?

Quick Review
Order the fractions from least to greatest.
Use fraction strips or draw a number line.
1. $\frac{6}{9}, \frac{3}{9}, \frac{2}{9}$
2. $\frac{1}{2}, \frac{1}{3}, \frac{1}{4}$
3. $\frac{9}{10}, \frac{2}{10}, \frac{5}{10}$
4. $\frac{6}{8}, \frac{1}{2}, \frac{5}{8}$

Lesson Quiz
Use models to solve each problem.
1. Anita’s flag is $\frac{1}{4}$ blue. Ben’s flag is $\frac{1}{3}$ blue. Tony’s flag is $\frac{3}{4}$ blue. If each flag is the same size, whose flag has the least amount of blue?
2. Darius and Chen ate tortillas on Multicultural Day. Each tortilla was cut into 8 equal pieces. Darius ate $\frac{1}{2}$ of his tortilla. Chen ate $\frac{3}{8}$ of her tortilla. Who ate more?
Problem of the Day
Books usually cost $12 each. The math book is on sale for $\frac{1}{2}$ off. The art book is on sale for $\frac{1}{4}$ off. The history book is $\frac{1}{3}$ off. Which book on sale costs the least?

Quick Review
Add. Check each sum with subtraction.
1. $7 + 2$
2. $3 + 4$
3. $8 + 1$
4. $5 + 3$

Lesson Quiz
Add. Use fraction strips or draw a picture to help you.
1. $\frac{1}{6} + \frac{4}{6}$
2. $\frac{1}{3} + \frac{1}{3}$
3. $\frac{5}{10} + \frac{4}{10}$
4. $\frac{1}{5} + \frac{2}{5}$
Problem of the Day
Mei used \(\frac{3}{8}\) pound of Swiss cheese and \(\frac{2}{8}\) pound cheddar cheese to make fondue. John used \(\frac{3}{5}\) pound of Swiss cheese and \(\frac{2}{5}\) pound cheddar cheese to make fondue. Who made more fondue?

Quick Review
Add. Use fraction strips or draw a picture to help you.

1. \(\frac{1}{4} + \frac{2}{4}\)
2. \(\frac{3}{7} + \frac{2}{7}\)
3. \(\frac{8}{10} + \frac{1}{10}\)
4. \(\frac{1}{2} + \frac{1}{2}\)

Lesson Quiz
Subtract. Use fraction strips or draw a picture to help you.

1. \(\frac{7}{9} - \frac{4}{9}\)
2. \(\frac{2}{3} - \frac{1}{3}\)
3. \(\frac{6}{10} - \frac{4}{10}\)
4. \(\frac{4}{5} - \frac{2}{5}\)
Problem of the Day
A cake is cut into 10 equal pieces. Ted ate $\frac{2}{10}$ of the cake. Andrea ate $\frac{7}{10}$ of the cake. Jill ate $\frac{1}{10}$ of the cake. Who ate the most?

Quick Review
Write a fraction to name the part of each group of hearts that is gray.

1. ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥
2. ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥
3. ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥
4. ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥

Lesson Quiz
Write each as decimal.

1. $\frac{3}{10}$                      2. seven tenths
3. $\frac{9}{10}$                   4. one tenth
Problem of the Day
There are 10 students on the swim team. Seven of the students are girls. What fraction and decimal name the part of the swim team that is girls?

Quick Review
Write each as a decimal.
1. \(\frac{4}{10}\)
2. nine tenths
3. eight tenths
4. \(\frac{1}{10}\)

Lesson Quiz
Write each as a decimal.
1. \(\frac{17}{100}\)
2. \(\frac{9}{100}\)
3. \(\frac{80}{100}\)
4. thirty-two hundredths
Problem of the Day
Ross used 7 half-sheets of paper to make a collage. What mixed number names how much paper Ross used?

Quick Review
Write each as a decimal.
1. \( \frac{17}{100} \) 2. \( \frac{5}{100} \)
3. \( \frac{38}{100} \) 4. \( \frac{40}{100} \)

Lesson Quiz
Write each as a decimal.
1. \( 4 \frac{3}{10} \) 2. \( 2 \frac{9}{100} \)
3. \( 3 \frac{27}{100} \) 4. six and five hundredths
Problem of the Day
Each lap around the school track is \(\frac{3}{10}\) of a mile. Jim ran a total of 1 mile around the school track. How many complete laps around the track did he run?

Quick Review
Find each sum or difference.
1. \(\frac{1}{10} + \frac{2}{10}\)
2. \(\frac{7}{8} - \frac{2}{8}\)
3. \(\frac{3}{4} - \frac{3}{4}\)
4. \(\frac{1}{2} + \frac{1}{2}\)

Lesson Quiz
Solve. Decide whether the answer is reasonable or not.
1. Kelly and Sandra each ate \(\frac{2}{5}\) of a pizza. They say they have \(\frac{1}{2}\) of the pizza left. Is this reasonable?
2. Tom refilled a \(\frac{1}{4}\) cup measure 8 times to measure out 2 cups of flour for muffins. Is this reasonable?
Problem of the Day
Tamara used \( \frac{1}{4} \) cup of cashews, \( \frac{3}{4} \) cup of peanuts, and \( \frac{1}{2} \) cup of pecans to make trail mix. Which kind of nut forms most of the trail mix?

Quick Review
Order the numbers from greatest to least.
1. 69, 60, 96
2. 105, 155, 150
3. 751, 759, 729
4. 2,840, 2,408, 2,480

Lesson Quiz
Order the decimals from least to greatest.
1. 2.5, 5.2, 2.0
2. 0.36, 0.63, 0.6
3. 1.7, 1.07, 7.1
4. 4.00, 4.40, 4.04
Problem of the Day
Four friends measured their heights in meters as 1.5 m, 1.3 m, 1.6 m, and 1.2 m. Ken is the tallest. Sally is taller than Phil. Anita is $1 \frac{1}{2}$ meters tall. How tall is Phil?

A. 1.2 m  B. 1.3 m  C. 1.4 m  D. 1.5 m

Quick Review
Compare. Write $>$, $<$, or $=$ for each.
1. $\frac{7}{8}$ $\square$ $\frac{3}{8}$
2. 0.57 $\square$ 0.75
3. 1.3 $\square$ 1.03
4. $\frac{1}{2}$ $\square$ $\frac{5}{10}$

Lesson Quiz
Compare. Write $>$, $<$, or $=$ for each.
1. $\frac{1}{10}$ $\square$ 0.3
2. $\frac{7}{100}$ $\square$ 0.7
3. $\frac{1}{2}$ $\square$ 0.5
4. $\frac{8}{10}$ $\square$ 0.08
Problem of the Day
Antoine has 3 quarters, 1 dime, 1 nickel, and 3 pennies. How much more money does he need to have $1.00? What other coins would he need?

Quick Review
Write the value of each coin using a dollar sign and decimal point.
1. penny
2. nickel
3. dime
4. quarter

Lesson Quiz
Write each amount as a fraction of a dollar.
1. $0.35 = \_\_\_\_ of a dollar
2. $0.09 = \_\_\_\_ of a dollar
3. $0.40 = \_\_\_\_ of a dollar
4. $1.00 = \_\_\_\_ of a dollar
Problem of the Day
Ginger has 1 five-dollar bill, 3 one-dollar bills, 1 quarter, 2 dimes, 1 nickel, and 4 pennies. How much money does she have in all?

Quick Review
Find each sum or difference.
1. $432 + 179$
2. $30 - 18$
3. $608 - 325$
4. $119 + 141$

Lesson Quiz
Add or subtract.
1. $1.7 + 0.4$
2. $4.0 - 2.9$
3. $2.65 + 3.08$
4. $3.04 - 1.72$
Problem of the Day
Ken runs a dog-walking service. He charges $2.00 to walk each dog. How many dogs does he need to walk to earn $50.00?

Quick Review
Find each sum or difference.
1. \[6.52 - 1.25\]  
2. \[0.75 + 2.38\]  
3. \[4.03 - 3.12\]  
4. \[4.19 + 4.19\]

Lesson Quiz
Solve each problem.
1. Carolyn buys two slices of pizza. Each slice costs $1.95. She pays with a five-dollar bill. How much change should she get back?  
2. Toby earned $10.00 doing chores. He spent $6.50 on a movie ticket and $3.25 on snacks. How much money does he have left?
Problem of the Day
Pencils come in boxes of 10, 100, and 1,000. Mr. Dobson needs 1,000 pencils. If he buys only boxes of the same size, how many boxes of each size would he need?

Quick Review
Find each product.
1. $3 \times 5$
2. $7 \times 8$
3. $6 \times 4$
4. $2 \times 9$

Lesson Quiz
Find each product.
1. $3 \times 500$
2. $7 \times 80$
3. $6 \times 400$
4. $2 \times 9,000$
 Problem of the Day
Charlie bought 4 boxes of paper clips. Each box holds 80 paper clips. How many paper clips did he buy in all?

Quick Review
Find each product.
1. 3 × 40
2. 5 × 80
3. 7 × 60
4. 9 × 20

Lesson Quiz
Use base-ten blocks to help you figure out each product.
1. 3 × 22
2. 5 × 13
3. 2 × 43
4. 4 × 41
Problem of the Day
Brian and Jake each have 37 model cars. About how many model cars do they have in all?

Quick Review
Round each number to its greatest place.
1. 54
2. 169
3. 35
4. 725

Lesson Quiz
Estimate each product.
1. $3 \times 49$
2. $6 \times 123$
3. $2 \times 481$
4. $8 \times 74$
Problem of the Day
Shelly earns $48.00 each week babysitting. About how much will she earn in 7 weeks?

Quick Review
Estimate each product.
1. $5 \times 28$
2. $6 \times 42$
3. $3 \times 65$
4. $4 \times 32$

Lesson Quiz
Find each product.
1. $3 \times 27$
2. $4 \times 18$
3. $2 \times 45$
4. $8 \times 21$
Problem of the Day
There are 365 days in most years. About how many days are there in 5 years?

Quick Review
Estimate each product.
1. $3 \times 279$
2. $4 \times 315$
3. $6 \times 452$
4. $5 \times 143$

Lesson Quiz
Find each product.
1. $2 \times 413$
2. $4 \times 105$
3. $3 \times 253$
4. $5 \times 141$
Problem of the Day
Maya buys four chairs at $79 each. She pays with four $100 bills. What operations can you use to find how much change Maya should receive?

Quick Review
Name each operation described.
1. Combining unequal groups to find a total
2. Separating a total into equal groups
3. Separating a total into unequal groups
4. Combining equal groups to find a total

Lesson Quiz
Use smaller numbers to help you solve the problem.
1. A train has 8 passenger cars. Four of the cars can each seat 68 riders. The other cars can seat 37 riders. How many people can ride the train at once?
Problem of the Day
Max delivered 3 bundles of newspapers, and Linda delivered 4 bundles. Each bundle had 105 newspapers. How many newspapers did they deliver in all?

Quick Review
Estimate each product.
1. $8 \times 361$
2. $7 \times 219$
3. $4 \times 582$
4. $3 \times 851$

Lesson Quiz
Multiply. Regroup if needed.
1. $5 \times 168$
2. $6 \times 513$
3. $4 \times 129$
4. $3 \times 2,128$
Problem of the Day
Cheryl and Ron each have $2.95. They combine their money to rent a video for $4.50. How much money do they have left after paying for the video rental?

Quick Review
Estimate each product by rounding to the nearest whole dollar.
1. $3 \times $4.68$
2. $5 \times $1.27$
3. $4 \times $2.91$
4. $6 \times $3.52$

Lesson Quiz
Estimate, then multiply.
1. $5 \times $1.68$
2. $6 \times $5.13$
3. $4 \times $1.29$
4. $3 \times $21.28$
Problem of the Day
What is the rule for this table?

<table>
<thead>
<tr>
<th>Input</th>
<th>27</th>
<th>21</th>
<th>15</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output</td>
<td>9</td>
<td>7</td>
<td>5</td>
<td>3</td>
</tr>
</tbody>
</table>

Quick Review
Find each quotient.
1. $15 \div 3$
2. $56 \div 7$
3. $24 \div 4$
4. $18 \div 9$

Lesson Quiz
Find each quotient.
1. $120 \div 4$
2. $630 \div 9$
3. $2,700 \div 3$
4. $2,000 \div 5$
Problem of the Day
Will has 12 cookies. He wants to put the same number of cookies into each bag. What are all the numbers of cookies he could put into each bag with none left over?

Quick Review
Find each quotient.
1. 40 ÷ 4
2. 90 ÷ 3
3. 80 ÷ 2
4. 100 ÷ 5

Lesson Quiz
Divide. Use counters and repeated subtraction to help you.
1. 17 ÷ 8
2. 21 ÷ 4
3. 13 ÷ 2
4. 33 ÷ 8
Problem of the Day
Jenny had 317 newsletters to mail. She mailed 169. About how many more newsletters does she have left to mail?

Quick Review
Estimate each product.
1. $3 \times 19$
2. $5 \times 32$
3. $4 \times 75$
4. $8 \times 27$

Lesson Quiz
Estimate. Write the compatible numbers you used.
1. $75 \div 4$
2. $23 \div 7$
3. $154 \div 5$
4. $232 \div 6$
Problem of the Day
Chun has 83 rare coins. He can fit 4 coins on each page of his collector’s album. About how many pages can he fill?

Quick Review
Estimate each quotient.
1. $79 \div 4$
2. $57 \div 2$
3. $83 \div 4$
4. $52 \div 5$

Lesson Quiz
Use base-ten blocks to help you divide.
1. $69 \div 3$
2. $48 \div 4$
3. $32 \div 2$
4. $58 \div 5$
Problem of the Day
Cameron has 20 marbles and 3 bags. He puts the same number of marbles into each bag. How many marbles are left over?

Quick Review
Divide. Use counters and repeated subtraction to help you.
1. $22 \div 7$
2. $18 \div 8$
3. $10 \div 3$
4. $30 \div 7$

Lesson Quiz
Use this information to solve each problem: There are 35 students going on a trip. Each van can seat 8 students. All vans leave at the same time.
1. How many vans will be full?
2. How many students will ride in the van that is not full?
3. How many vans are needed to drive all the students?
Problem of the Day
A jet has 235 seats arranged in rows of 3 seats each. About how many rows of seats are on the jet?

Quick Review
Find each product.
1. $319 \times 3$
2. $119 \times 4$
3. $127 \times 6$
4. $312 \times 2$

Lesson Quiz
Find each quotient.
1. $492 \div 4$
2. $362 \div 3$
3. $672 \div 6$
4. $487 \div 2$
Problem of the Day
There are 365 days in most years, which are divided into 4 seasons. About how many days are in each season? What compatible numbers did you use to estimate?

Quick Review
Estimate each quotient.
1. $492 \div 6$
2. $351 \div 4$
3. $117 \div 3$
4. $232 \div 7$

Lesson Quiz
Find each quotient.
1. $164 \div 2$
2. $228 \div 3$
3. $252 \div 4$
4. $487 \div 5$
Problem of the Day
Alex has $4.75. He gives $1.50 to each of his 2 sisters. How much money does he have left?

Quick Review
Estimate each quotient, by rounding to the nearest whole dollar.
1. $5.78 ÷ 2
2. $3.25 ÷ 3
3. $8.43 ÷ 4
4. $4.83 ÷ 5

Lesson Quiz
Divide. Model with coins or bills if you wish.
1. $2.84 ÷ 2
2. $6.36 ÷ 3
3. $8.52 ÷ 4
4. $5.95 ÷ 5