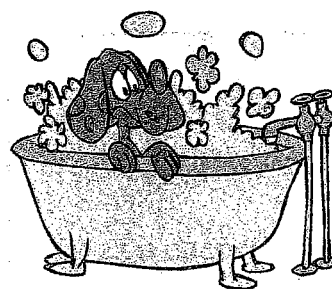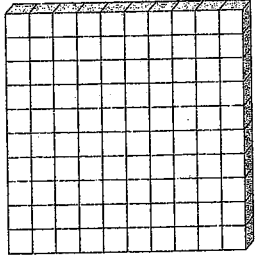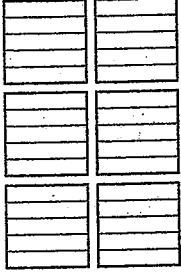# Lesson #50

1. $(755 + 136) + (874 - 635) = ?$

2.   Estimate first. Then give the exact sum. $57.34 + 18.55 = ?$

3. $\frac{6}{8} + \frac{2}{5} = ?$

4.   Order the numbers from greatest to least.   180.68, 108.86, 180.86

5.   Which polygon shown is a regular triangle?

6.   Shade in $\frac{11}{100}$ of the fraction model. Write this fraction as a decimal. In the decimal, the value of the digit in tenths place is ____ times as much as the value of the digit in hundredths place.

7.   Find all the factor pairs for 24.

8.   Round 987.85 to the nearest tenth.

9.   Complete the fraction model to solve $6 \times (\frac{4}{5})$.

10.   Choose the numerical expression that represents multiplying the sum of 159 and 833 by 6.

11.   Draw a circle. Show at least four different lines of symmetry.

12. $725 \times 6 = ?$

13.   Write a multiplication equation related to $250 \div 50 = g$. Then, solve for g.

14.   Convert 142 pints to cups. 142 pt = ? C
      Will the converted amount have more or fewer units than the original?

15.   Eric and Erin are filling a tub to wash their puppy. The tub holds $15\frac{1}{2}$ gallons of water. Eric puts in $9\frac{1}{2}$ gallons of water. Erin puts in $7\frac{1}{2}$ gallons of water.
      How much water did they put in the tub together? Did the tub overflow?
   Explain why or why not.

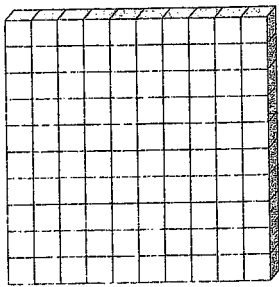| 1. 5.OA.1	2. 5.NBT.7	3. 5.NF.1
4. 5.NBT.3	5. 5.G.4	6. 5.NBT.1
7. 4.OA.4	8. 5.NBT.4	9. 4.NF.4
10. 5.OA.2 A) $(833 + 159) + 6$ B) $(833 + 159) \times 6$ C) $(159 + 833) - 6$	11. 4.G.3	12. 5.NBT.5
13. 5.NBT.6	14. 5.MD.1	15. 4.NF.3

Lesson #51

1.   Round 55.237 to the nearest hundredth.

2.   Write a multiplication equation related to $4,400 \div 40 = m$. Then, solve for m.

3.   Each year, the paper mill gets smaller and can harvest
fewer trees. If the pattern continues, how many trees
will be harvested in the next two years?

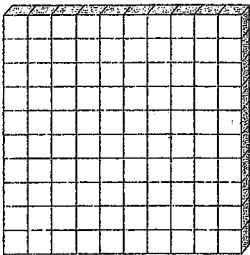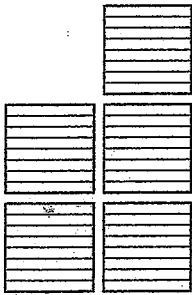| Year	2013	2014	2015	2016	2017
Thousands of Trees	480	240	120		
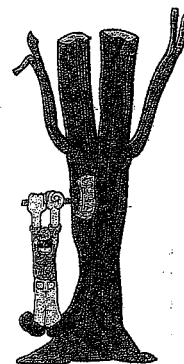
4.   Estimate first. Then give the exact difference. $34.22 - 29.94 = ?$

5.   Convert 60 quarts to gallons. 60 qt = ? gal
Will the converted amount have more or fewer units than the original?

6.   Shade in $\frac{99}{100}$ of the fraction model. Write this fraction as a decimal. In the
decimal, the value of the digit in tenths place is ____ times as much as the value
of the digit in hundredths place.

7.   Write *thirty-four thousand, six hundred fifty-two* as a base ten number.

8. $[(25 - 20) \times 6] \div 3 = ?$

9. $39 \times 53 = ?$

10.   Is 50 prime or composite? Explain.

11.   Write the power of 10 as a product of the same factor. Find the value.
$10^8 =$ _____ $=$ _____

12.   8.419 ◯ 8.149

13.   Is a non-equilateral isosceles triangle regular or irregular?

14.   Choose the numerical expression that represents subtracting 35 from 68, and
then dividing by $\frac{1}{2}$.

15. $\frac{3}{4} + \frac{5}{8} = ?$

1. 5.NBT.4	2. 5.NBT.6	3. 5.OA.3
4. 5.NBT.7	5. 5.MD.1	6. 5.NBT.1
7. 4.NBT.2	8. 5.OA.1	9. 5.NBT.5
10. 4.OA.4	11. 5.NBT.2	12. 5.NBT.3
13. 5.G.3	14. 5.OA.2 A) $(68 - 35) \div \frac{1}{2}$ B) $(68 \div \frac{1}{2}) - 35$ C) $(68 + 35) \div \frac{1}{2}$	15. 5.NF.1

Lesson #52

1. Shade in $\frac{88}{100}$ of the fraction model. Write this fraction as a decimal. In the decimal, the value of the digit in tenths place is ____ times as much as the value of the digit in hundredths place.

2. Round 24.4697 to the nearest thousandth.

3. Max rolled out 47 yards of garden hose. How many feet of garden hose was it?

4. Choose the numerical expression that represents subtracting $\frac{3}{4}$ from the product of 8 and 2.

5. Which polygon is <u>not</u> regular?

6. $[(13 + 35) \div 8] \times 9 = ?$

7. Complete the fraction model to solve $5 \times (\frac{5}{8})$.

8. Write *twenty-six and seven hundred thirty-five thousandths* as a decimal.

9. List the first 6 multiples of 3.

10. Estimate first. Then give the exact product. $45.6 \times 3.4 = ?$

11. Complete the pattern. 63, 58, 53, 48, ____, ____   Describe the pattern.

12. $93 \times 22 = ?$

13. Find the sum. $12 + \frac{4}{7} = ?$

14. Write a multiplication equation related to $880 \div 20 = x$. Then, solve for x.

15. Nick needs to practice the piano 16 hours a week. If he spends about the same amount of time each day, will that be more or less than 2 hours a day?

| 1. 5.NBT.1	2. 5.NBT.4	3. 5.MD.1
4. 5.OA.2 A) $(8-2) \times \frac{3}{4}$ B) $(8 \times 2) - \frac{3}{4}$ C) $(8 - \frac{3}{4}) \times 2$	**5.** 5.G.4	**6.** 5.OA.1
7. 4.NF.4	**8.** 5.NBT.3	**9.** 4.OA.4
10. 5.NBT.7	**11.** 4.OA.5	**12.** 5.NBT.5
13. 5.NF.1	**14.** 5.NBT.6	**15.** 4.OA.3

Lesson #53

1. Estimate first. Then find the exact quotient. $6.55 \div 0.5 = ?$

2. Choose the numerical expression that has the same meaning as dividing the sum of 12,665 and 42,981 by 2.

3. $\frac{5}{8} + \frac{3}{9} = ?$

4. The angles of a quadrilateral all have the same measure. It is not a rhombus. Write the name of the quadrilateral in the box.

5. $4,436 \times 3 = ?$

6. Solve $1,640 \div 4$ using a place value model.

7. Draw a right angle in the answer box.

8. **A *coordinate plane* is formed when a pair of perpendicular number lines, called *axes*, intersects. The horizontal number line is called the *x*-axis, and the vertical number line is called the *y*-axis. Points in the plane can be located by using an ordered pair of numbers, (*x, y*) called *coordinates*.** Write the words *ordered pair* and *coordinates* in the box.
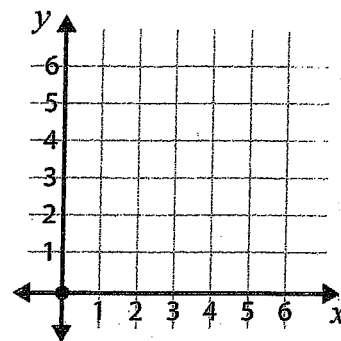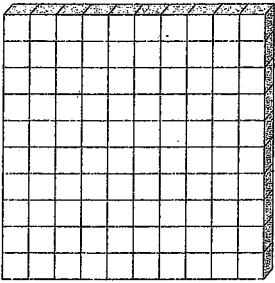
9. Mabel is learning to knit. Each day, she can do more stitches per minute. If the pattern continues, how many stitches will Mabel do per minute on day 4 and 5?

 | Day | 1 | 2 | 3 | 4 | 5 |
    |---|---|---|---|---|---|
    | Stitches per Minute | 8 | 16 | 24 | | |

10. $312 \times 10^2 = ?$

    $312 \times 10^3 = ?$ Describe the pattern in the number of zeros in each product.

11. Round 68.75 to the nearest tenth.

12. Shade in $\frac{22}{100}$ of the fraction model. Write this fraction as a decimal. In the decimal, the value of the digit in tenths place is ____ times as much as the value of the digit in hundredths place.

13. Convert 23 tablespoons to teaspoons. 23 tbsp = ? tsp
    Will the converted amount have more or fewer units than the original?

14. 35 is a multiple of 1, ____, ____, and 35.

15. $[55 + (74 - 63)] \div 6 = ?$

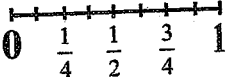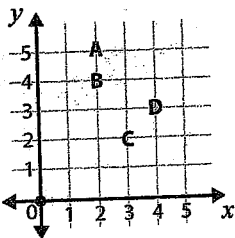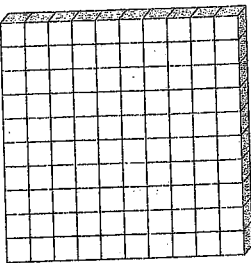|		
1. 5.NBT.7	**2.** 5.OA.2 A) $(12{,}665 \div 2) + 42{,}981$ B) $(12{,}665 + 42{,}981) \div 2$ C) $(42{,}981 \div 12{,}665) \div 2$	**3.** 5.NF.1
4. 5.G.3	**5.** 5.NBT.5	**6.** 5.NBT.6
7. 4.G.1	**8.** 5.G.1	**9.** 5.OA.3
10. 5.NBT.2	**11.** 5.NBT.4	**12.** 5.NBT.1
13. 5.MD.1	**14.** 4.OA.4	**15.** 5.OA.1
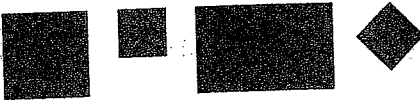
Lesson #54

1. Round 47.568 to the nearest hundredth.

2. Which polygons are congruent?

3. Estimate first. Then give the exact sum. $16.7 + 35.4 = ?$

4. $\frac{3}{5} + \frac{1}{2} = ?$

5. Use the data in the chart to complete a line plot for the length of each goldfish at a pet store. Find the length of all the goldfish in feet.

Length of Goldfish (in feet)
$\frac{1}{4}, \frac{3}{4}, \frac{1}{2}, \frac{3}{4}, \frac{1}{4}, \frac{1}{2}$
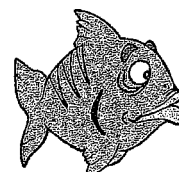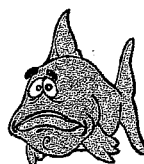
6. Choose the number(s) that are multiples of both 2 and 5.   6   16   40   15   25

7. $2.105 \bigcirc 2.015$

8. Choose the numerical expression that represents multiplying 8 and 63, and then dividing by 14.

9. $84 \times 41 = ?$

10. **The horizontal and vertical axes meet at the point (0, 0), called the *origin*. The first number in an ordered pair is the *x-coordinate*; the second number is the *y-coordinate*. To locate point A on the coordinate plane, begin at the origin. Move horizontally to the 2. Then, move vertically to the 5. The ordered pair or coordinates for point A is (2, 5). What letter is located at (3, 2)?**

11. Solve $186 \div 6$ using an area model.

12. $5 \times [4 + (3 \times 2)] = ?$

13. Describe the pattern.

14. Convert 250 milliliters to liters. $250\text{ mL} = ?\text{ L}$
    Will the converted amount have more or fewer units than the original?

15. Shade in $\frac{66}{100}$ of the fraction model. Write this fraction as a decimal. In the decimal, the value of the digit in tenths place is _____ times as much as the value of the digit in hundredths place.

1. 5.NBT.4	2. 5.G.4	3. 5.NBT.7
4. 5.NF.1	5. 5.MD.2 Length of Goldfish (in feet) $0 \quad \frac{1}{4} \quad \frac{1}{2} \quad \frac{3}{4} \quad 1$	6. 4.OA.4
7. 5.NBT.3	8. 5.OA.2 A) $(8 \times 63) \times 14$ B) $(63 \div 8) \times 14$ C) $(63 \times 8) \div 14$	9. 5.NBT.5
10. 5.G.1	11. 5.NBT.6	12. 5.OA.1
13. 4.OA.5	14. 5.MD.1	15. 5.NBT.1

Lesson #55

1. Round 29.7896 to the nearest thousandth.

2. Estimate first. Then give the exact difference. $45.3 - 26.7 = ?$

3. Choose the numerical expression that represents subtracting 45 from the product of 12 and 9.

4. Jeff filled up the truck's tank with 104 quarts of gas. How many gallons of gas was it?

5. $[38 - (28 - 4)] \div 7 = ?$

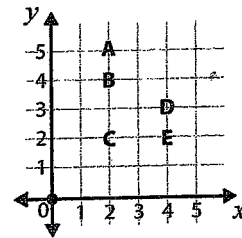6. Write the name of a rhombus that is also a regular polygon.

7. Complete the pattern. 37, 33, 29, 25, ___, ___   Describe the pattern.

8. $\frac{5}{9} + \frac{1}{5} = ?$

9. Use the coordinate plane to answer the questions.
   A) What letter is located at (4, 2)?
   B) What letter is located at (2, 4)?

10. Write a multiplication equation related to $369 \div 3 = n$. Then, solve for n.

11. $235 \times 12 = ?$
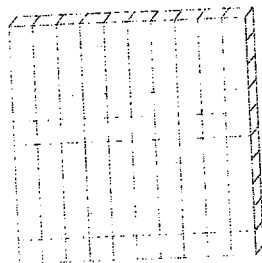
12. Write 2.871 in expanded form.

13. Carol is reducing the amount of TV she watches.
    If the pattern continues, how many hours of TV
    will Carol watch during June and July?
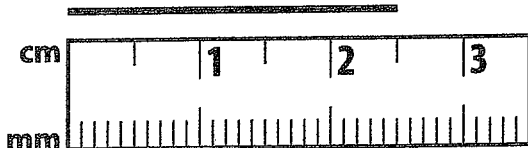
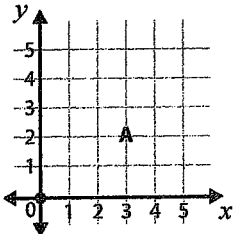| Month	March	April	May	June	July
Hours of TV	120	108	96		
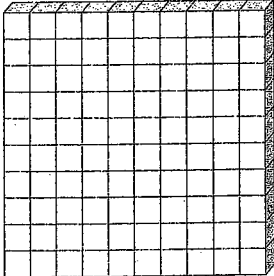
14. $48 \times 10^6 = ?$

    $48 \times 10^5 = ?$ Describe the pattern in the number of zeros in each product.

15. Shade in $\frac{55}{100}$ of the fraction model. Write this fraction as a decimal.

    In the decimal, the value of the digit in tenths place is ___ times as much as

    the value of the digit in hundredths place.

1. 5.NBT.4

2. 5.NBT.7

3. 5.OA.2

A) $(12 \times 9) - 45$

B) $45 - (12 \times 9)$

C) $(12 - 9) \times 45$

4. 5.MD.1

5. 5.OA.1

6. 5.G.3

7. 4.OA.5

8. 5.NF.1

9. 5.G.1

10. 5.NBT.6

11. 5.NBT.5

12. 5.NBT.3

13. 5.OA.3

14. 5.NBT.2

15. 5.NBT.1

Lesson #56

1. Estimate first. Then give the exact product. $9.1 \times 4.5 = ?$
See the *Help Pages* for examples of models.

2. Which polygon shown is a regular pentagon?

   A)   B)   C)   D)

3. Choose the numerical expression that represents subtracting 646 from 8,109, and then dividing by 0.2.

4. $35 \times 32 = ?$

5. 48 is a multiple of 1, 2, 3, 4, ____, ____, 12, ____, 24, and 48.

6. Solve $1,557 \div 5$ using a place value model.

7. Choose the numbers that are multiples of both 2 and 9.   27   36   90   54   56

8. Order the numbers from greatest to least.   12.61, 12.016, 12.106

9. $\frac{3}{5} + \frac{4}{7} = ?$

10. Write 3,205 using words.

11. Name the ordered pair that represents point A on the coordinate plane.

12. Shade in $\frac{44}{100}$ of the fraction model. Write this fraction as a decimal. In the decimal, the value of the digit in tenths place is ____ times as much as the value of the digit in hundredths place.

13. Round 31.235 to the nearest tenth.

14. Find the length of the line in centimeters and then in millimeters.

15. $4 \times [(39 - 21) \div 6] = ?$

| 1. 5.NBT.7	2. 5.G.4	3. 5.OA.2
		A) $(8{,}109 - 646) \div 0.2$ B) $(646 - 8{,}109) \div 0.2$ C) $(8{,}109 \div 646) - 0.2$
4. 5.NBT.5	5. 4.OA.4	6. 5.NBT.6
7. 4.OA.4	8. 5.NBT.3	9. 5.NF.1
10. 4.NBT.2	11. 5.G.1	12. 5.NBT.1
13. 5.NBT.4	14. 5.MD.1	15. 5.OA.1
1. 5.NBT.7		

Lesson #57

1.   Round 122.4678 to the nearest hundredth.

2.   Plot and label the points M (5, 3) and H (1, 4) on the coordinate plane.

3.   Choose the numerical expression that represents dividing the sum of 641 and 80 by $\frac{1}{2}$.

4.   Solve $3{,}432 \div 26$ using an area model.

5.   Estimate first. Then give the exact sum. $14.27 + 54.92 = ?$

6.   Kelly is spending less each day. If the pattern continues, how much will Kelly spend on Day 4 and Day 5?
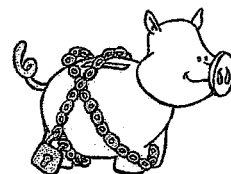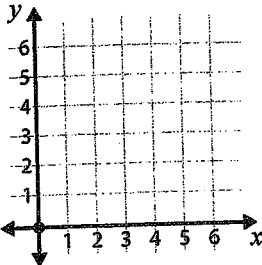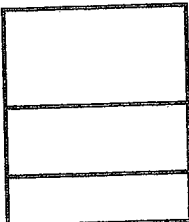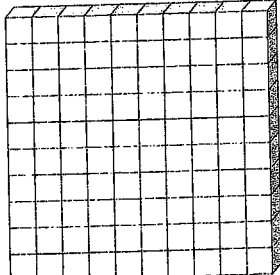
Day	1	2	3	4	5
Kelly's Daily Spending	800	400	200		

7.   17.097 ◯ 17.91

8.   The length of the carpet square was $\frac{5}{6}$ of a foot. If two carpet squares were placed side by side, what would be the combined length?
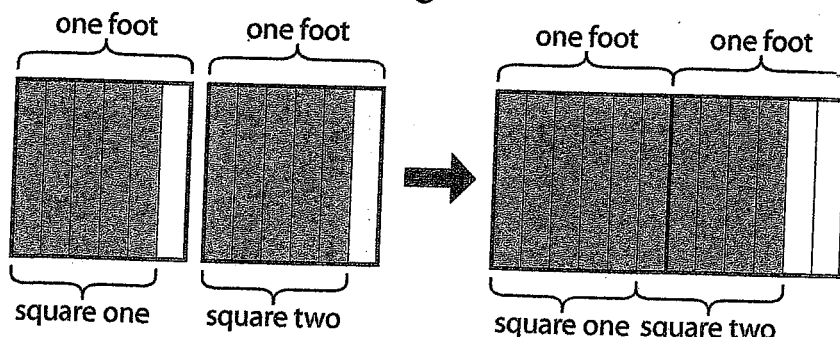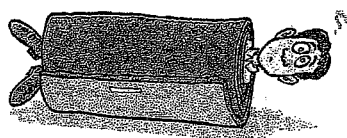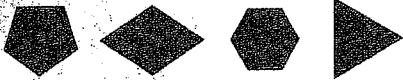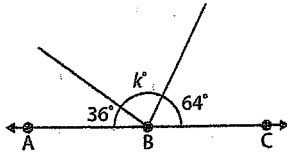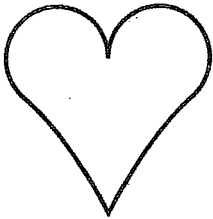
9. $51 \times 65 = ?$

10. $[8 \times (54 \div 9)] \div 6 = ?$

11. $\frac{3}{9} + \frac{2}{6} = ?$

12.   Convert 4 miles to yards. $4 \text{ mi} = ? \text{ yd}$

13. $9 \times 10^8 = ?$

        $9 \times 10^9 = ?$ Describe the pattern in the number of zeros in each product.

14.   Draw a scalene triangle in the box.

15.   Shade in $\frac{33}{100}$ of the fraction model. Write this fraction as a decimal.

        In the decimal, the value of the digit in tenths place is ____ times as much as the value of the digit in hundredths place.

1. 5.NBT.4	2. 5.G.1	3. 5.OA.2
	y 6 5 4 3 2 1 1 2 3 4 5 6 x	A) $(641 \div 80) + \frac{1}{2}$ B) $(641 + 80) + \frac{1}{2}$ C) $(641 + 80) \div \frac{1}{2}$
4. 5.NBT.6	5. 5.NBT.7	6. 5.OA.3
7. 5.NBT.3	8. 5.NF.2	9. 5.NBT.5
10. 5.OA.1	11. 5.NF.1	12. 5.MD.1
13. 5.NBT.2	14. 5.G.3	15. 5.NBT.1

Lesson #58

1. Write the base-ten number for $(4 \times 100) + (2 \times 1) + (5 \times \frac{1}{10}) + (2 \times \frac{1}{1,000})$.

2. Round 77.2229 to the nearest thousandth.

3. Choose the numerical expression that represents dividing the sum of 557 and 393 by 5.

4. Which polygon is not regular?

5. Estimate first. Then find the exact quotient. $8.42 \div 0.02 = ?$
   See the *Help Pages* for examples of models.

6. If $\angle ABC$ is a straight angle, what is the value of k?

7. $7 \times [(32 \div 8) \times 2] = ?$

8. The scouts are making ornaments for the senior citizen home. They make 65 ornaments. Each senior citizen gets 9 ornaments. How many senior citizens will get a complete set of ornaments?

9. Write a multiplication equation related to $770 \div 77 = w$. Then, solve for w.

10. $\frac{2}{4} + \frac{2}{3} = ?$

11. $5,076 \times 6 = ?$

12. Draw every line of symmetry for the heart.

13. Convert 112 ounces to pounds. 112 oz = ? lb

14. Use the coordinate plane to answer the questions.

    A) Name the shape located at (2, 5).

    B) Name the shape located at (5, 1)

15. In the number 8.888, the value of the digit in the hundredths place is ___ times as much as the digit in the thousandths place.
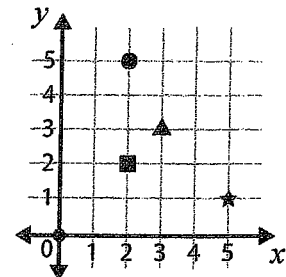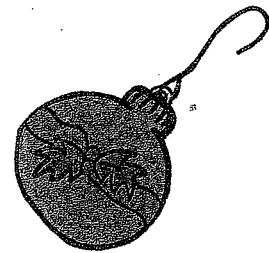
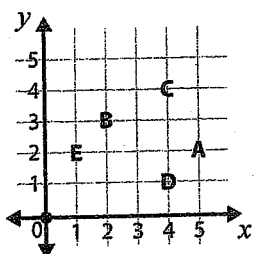| 1. 5.NBT.3	2. 5.NBT.4	3. 5.OA.2
		A) $(393 \div 557) + 5$ B) $(393 + 557) \div 5$ C) $(393 \div 5) + 557$
4. 5.G.4	5. 5.NBT.7	6. 4.MD.7
7. 5.OA.1	8. 4.OA.3	9. 5.NBT.6
10. 5.NF.1	11. 5.NBT.5	12. 4.G.3
13. 5.MD.1	14. 5.G.1	15. 5.NBT.1

Lesson #59

1. Choose the numerical expression that represents dividing 1,160 by 2, and then multiplying by 1.5.

2. Estimate first. Then give the exact difference. $65.34 - 24.72 = ?$

3. Brianna read $\frac{1}{3}$ of a book on Monday, and $\frac{1}{3}$ of a book on Tuesday. How much of the book did Brianna read on both days?

4. In the number 22.22, the value of the digit in the tens place is ____ times as much as the digit in the ones place.

5. $[300 - (9 \times 9)] + 143 = ?$

6. Find the sum. $\frac{5}{6} + \frac{4}{7} = ?$

7. $2,349 \times 3 = ?$

8. Describe the pattern.

9. Which of the following terms describes a trapezoid?

    A) quadrilateral   B) rectangle   C) parallelogram   D) rhombus

10. When Jessie measured Jax's height, he was 3.5 feet tall. How many inches tall was Jax?

11. What ordered pair represents point C on the coordinate plane?

12. Round 1.36489 to the nearest thousandth.

13. The growth of a mold is increasing. If the pattern continues, what will the diameter be on day 4 and day 5?

Day	1	2	3	4	5
Diameter of Mold (in mm)	52	104	156		

14. $157 \times 10^3 = ?$

    $157 \times 10^2 = ?$ Describe the pattern in the number of zeros in each product.

15. Order the numbers from least to greatest.   80.9, 80.109, 80.901

1. 5.OA.2 A) $(1,160 \div 2) \times 1.5$ B) $(1,160 \times 2) \times 1.5$ C) $(1,160 \div 1.5) \times 2$	**2.** 5.NBT.7	**3.** 5.NF.2
4. 5.NBT.1	**5.** 5.OA.1	**6.** 5.NF.1
7. 5.NBT.5	**8.** 4.OA.5	**9.** 5.G.3
10. 5.MD.1	**11.** 5.G.1	**12.** 5.NBT.4
13. 5.OA.3	**14.** 5.NBT.2	**15.** 5.NBT.3