Problem of the Day

Lesson 1

Write a 7-digit number using the following rules.

- Use at least 4 different digits.
- The number in the hundreds place has a value that is the 10 times the value of the number in the tens place.
- The value of the digit in the hundred thousands place has a value that is $\frac{1}{10}$ the value of the digit in the millions place.

Sample answer:
6,735,552

Answer: _____

Lesson 2

Write the number two hundred thousand, fifty-six in standard form.

Answer: _____ **200,056** _____

Write the number 1,234,203 in word form.

Answer: **one million, two hundred thirty-four thousand, two hundred-three**

Lesson 3

How can you write the number 4 as a fraction?
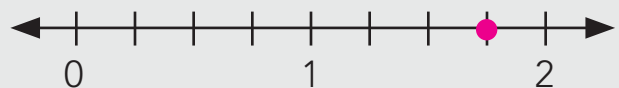
$$\frac{4}{4}$$

Lesson 4

Write the number 34,080 in expanded form.

30,000 + 4,000 + 80

Lesson 5

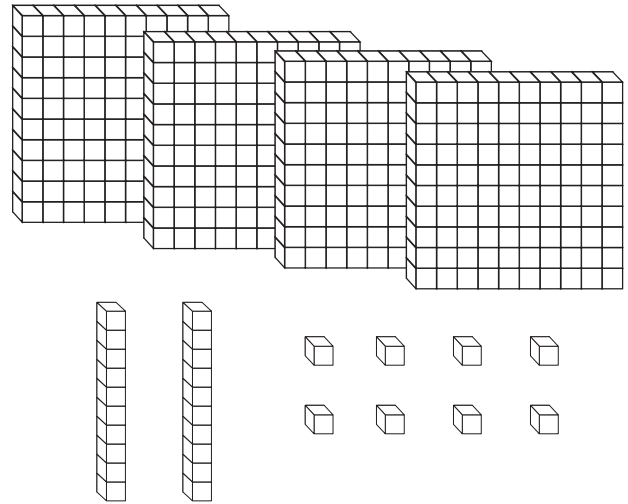Plot a point to show the location of $1\frac{3}{4}$.

Problem of the Day

Lesson 6
Which comparison is correct?

A. 3,405 < 3,099

B. 29,019 > 100,000

C. 298,306 > 298,400

D. 1,299,008 < 1,299,210

Lesson 7
Round 45,674 to the nearest ten thousand and to the nearest ten.

Rounded to the nearest ten thousand: ____**50,000**____

Rounded to the nearest ten:
____**45,670**____

Lesson 8
What is 10,000 more than 29,000?

39,000

Lesson 9
What number is represented by the Base Ten Blocks shown?

428

Lesson 10
Find the sum:

3,000 + 4,000 + 800 + 200 =

8,000

Problem of the Day

Lesson 11
Add: 3,489 + 17,102 =

20,591

Lesson 12
What is the best estimate of the sum of 23,450 + 9,016?
- **A.** 11,000
- **B.** 30,000
- **C.** 35,000
- **D.** 40,000

Lesson 13
Use the models to show how to subtract 25 from 34.

Lesson 14
Estimate the difference by rounding each number to the nearest ten thousand.

46,480 − 19,521 =

30,000

Lesson 15
Subtract: 400,000 − 367,294 =

32,706
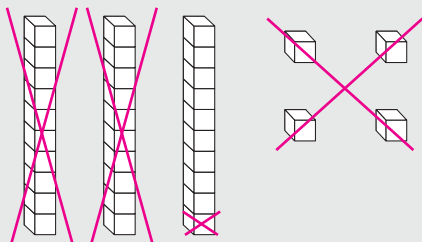
Problem of the Day

Lesson 16

Complete the strip diagram.

4,086	
3,125	**961**

How did you find the missing value? Explain.

Sample answer: I subtracted 3,125 from 4,086 to find the missing value.

Lesson 17

The Walker family has two rain barrels. In one rain barrel, they collected 5,602 ounces of water. In the other rain barrel, they collected 1,984 ounces of water.

How many ounces of water did they collect in all? **7,586**

What is the difference in the amount of water in the two rain barrels?

3,618

Lesson 18

An elementary school is building a new playground. The cost of landscaping around the playground is $2,498. The cost of the playground equipment is $10,230. The school budgeted $15,000 for the project. How much of the budget is left after paying for the landscaping and playground equipment?

$2,502

Lesson 19

Draw a number line to show the location of the numbers 34,980 and 34,969. Use the number line to compare the numbers.

34,980 **>** 34,969

Lesson 20

How are the values of the two underlined digits related?

2,57<u>6</u>,<u>6</u>83

Sample answer: The 6 in the thousands place is ten times more than the 6 in the hundreds place.

Pre-Assessment

Read each problem below and solve.

1. Look at the number below. How does the value of the digit in the tenths place compare to the value of the digit in the hundredths place?

2.55

Sample answer: It is 10 times more than the digit in the hundredths place.

2. Which of the following is the number 0.09 written as a fraction?

A. $\frac{1}{9}$

B. $\frac{9}{10}$

C. $\frac{9}{100}$

D. $\frac{9}{1000}$

3. Write the number 3.12 in word form.

three and twelve hundredths

4. Write the number forty-two and thirty-one thousandths in standard form.

42.031

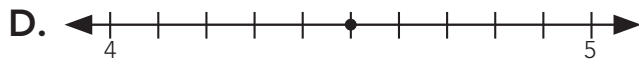**5.** Which of the following shows the number 56.208 in expanded form?

A. $(5 \times 10) + (6 \times 1) + (2 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$

B. $(5 \times 10) + (6 \times 1) + (2 \times \frac{1}{10}) + (8 \times \frac{1}{100})$

C. $(5 \times 10) + (6 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$

D. $(5 \times 10) + (6 \times 1) + (2 \times \frac{1}{10}) + (8 \times \frac{1}{1000})$

6. Which number line shows the location of 0.45?

A.
$$0 \quad 1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8 \quad 9 \quad 10$$

B.
$$0.4 \qquad\qquad 0.5$$

C.
$$0 \qquad\qquad 1$$

D.
$$4 \qquad\qquad 5$$

7. Compare the numbers shown. Write <, >, or =.

$$0.4 \; \boxed{>} \; 0.36$$

8. Aliyah bought cheese at the deli. She rounded the number of pounds of cheese she bought to the nearest tenth and said she bought about 0.5 pound of cheese. Which of the following could be the actual amount of cheese Aliya bought?

A. 0.049 pound

B. 0.39 pound

C. 0.51 pound

D. 1.45 pounds

9. Add: 4.6 + 3.59

A. 4.05

B. 7.19

C. 8.19

D. 40.5

10. Subtract: 10 − 8.03

A. 1.96

B. 1.97

C. 2.03

D. 8.17

Decimal Place Value Quiz

1. What is the place value of each digit in the number 2,003.601? Write the place value in words.

2: **millions** 3: **ones**

6: **tenths** 1: **thousandths**

2. Complete each statement to compare the digits in the number 33.66?

The digit in the ones is place is $\frac{1}{10}$ the digit in the tens place.

The digit in the tenths place is **10 times** the digit in the hundredths place.

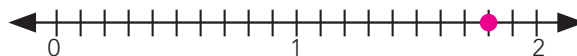Write each decimal as a fraction.

3. 0.12: $\frac{12}{100}$

4. 0.009: $\frac{9}{1,000}$

5. Write the number four hundred and fifteen thousandths in standard form and expanded form.

Standard form: **400.015**

Expanded form: $400 + \frac{1}{100} + \frac{5}{1000}$

6. Plot a point to show the location of 1.8 on the number line.

Compare the numbers. Write <, =, or >.

7. 3.45 **<** 3.7

8. 0.06 **=** 0.060

Round each number to the nearest whole number, nearest tenth, and nearest hundredth.

9. 33.407

Nearest whole number: **33**

Nearest tenth: **33.4**

Nearest hundredth: **33.41**

10. 0.595

Nearest whole number: **1**

Nearest tenth: **0.6**

Nearest hundredth: **0.60**

Decimal Addition Quiz

Write the decimal point in the answer for each sum.

1. 35.19 + 6.027 = 4 1**.**2 1 7

2. 0.871 + 9.35 = 1 0**.**2 2 1

3. 0.067 + 0.19 = 0**.**2 5 7

4. 303.6 + 558.67 = 8 6 2**.**2 7

Find the sum using any method. Show your work.

5. 0.245 + 0.18 = **0.425**

6. 0.45 + 0.23 = **0.68**

7. 1.9 + 4.5 = **6.4**

8. 24.3 + 19.65 = **43.95**

9. Which sum is closest to 1?
A. 0.35 + 0.07
B. 0.081 + 0.009
C. 0.23 + 0.801
D. 0.6 + 0.044

10. Which sum is closest to 0.5?
A. 0.3 + 0.298
B. 0.19 + 0.267
C. 0.003 + 0.002
D. 1.32 + 4.24

Name _____

Decimal Subtraction Quiz

Write the decimal point in the answer for each difference.

1. 10 − 4.52 = 5**.**4 8

2. 0.19 − 0.076 = **.**1 1 4

3. 2.005 − 1.98 = **.**0 2 5

4. 406.17 − 398.008 = 8**.**1 6 2

Find the difference using any method. Show your work.

5. 19.45 − 15.8 = **3.65**

6. 0.57 − 0.28 = **0.29**

7. 41.609 − 23.8 = **17.809**

8. 0.376 − 0.28 = **0.096**

9. Find the difference of 10 − 2.107. Use estimation to explain why your answer makes sense.

7.893

10. Find the difference of 3.4 − 1.92. Use estimation to explain why your answer makes sense.

1.48

Grade 5 • Unit 1 • Lesson 16 Quiz   Guided Math, by Reagan Tunstall   **29**

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Assessment

Read each problem below and solve.

1. What is the value of the underlined digit in the number 1.20<u>7</u>?

    A. seven

    B. seven tenths

    C. seven hundredths

    D. seven thousandths

2. Complete each statement to compare the digits in the number 4.477.

The digit in the ones is place is **ten times** the digit in the tenths place.

The digit in the thousandths place is <u>**one-tenth**</u> the digit in the hundredths place.

Write each of the numbers shown below in standard form and expanded form.

3. Twenty-five hundredths

Standard form: **0.25**

Expanded form: **0.2 + 0.05**

4. Forty and seventy-nine thousandths

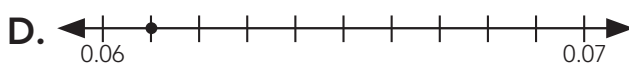Standard form: **40.079**
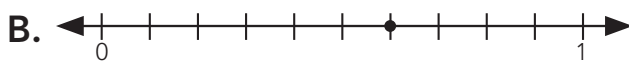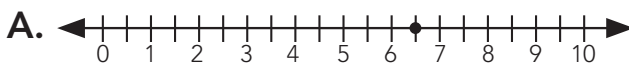
Expanded form: **40 + 0.07 + 0.009**

5. Write the number 5,036,001.048 in word form.

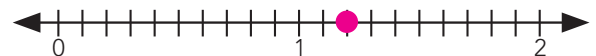**five million, thirty-six thousand, one and forty-eight thousandths**

6. Which of the following is the number 0.005 written as a fraction?

    A. $\frac{1}{5}$

    C. $\frac{5}{100}$

    B. $\frac{1}{500}$

    D. $\frac{5}{1000}$

7. Which number line shows a point at 0.61?

    A. 0 1 2 3 4 5 6 7 8 9 10

    B. 0   1

    C. 0.6   0.7

    D. 0.06   0.07

8. Plot a point on the number line to show the location of 1.2.

0   1   2

Compare the numbers shown. Write <, =, or >.

9. 0.8 **>** 0.203

10. 1.02 **>** 0.998

11. 0.26 **<** 0.27

Complete the tables by rounding each number to the nearest whole number, the nearest tenth, and the nearest hundredth.

12.

	Rounded to the Nearest Whole Number	Rounded to the Nearest Tenth	Rounded to the Nearest Hundredth
45,078.491	**45,078**	**45,078.5**	**45,078.49**

13.

	Rounded to the Nearest Whole Number	Rounded to the Nearest Tenth	Rounded to the Nearest Hundredth
0.599	**1.0**	**0.6**	**0.60**

Add using the standard algorithm. Show your work.

14. 12.89 + 3.078 = **15.938**

15. 137.061 + 24.38 = **161.441**

Subtract using the standard algorithm. Show your work.

16. 13.67 − 8.59 = **5.08**
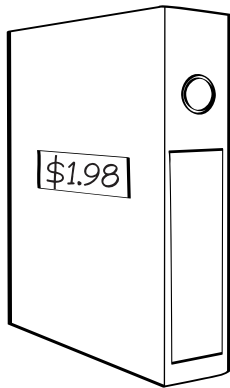
17. 5.1 − 3.062 = **2.038**

18. Omar is 121.92 centimeters tall. His sister Jada is 106.68 centimeters tall. How much taller is Omar than Jada?

A. 15.24 centimeters

B. 25.34 centimeters

C. 25.36 centimeters

D. 228.6 centimeters

19. Mr. McGill has a container filled with 100 liters of water. After pouring some of the water into a cup, the container has 34.05 liters of water remaining. How much water did Mr. McGill pour into the cup?

A. 65.71 liters

B. 65.95 liters

C. 134.05 liters

D. 165.95 liters

20. Savannah has $30 to spend on school supplies. How much money does she have left after buying a binder and a package of pencils?

$1.98

$1.40

Answer: _____ $26.62 _____