

Grade 5



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Assessment Sampler



Differentiation Resource Book

Every lesson includes pages to Reinforce Understanding and Extend Thinking to support lesson differentiation. These are available to print digitally as well. Additional differentiation resources are available digitally and within the Workstation Kit.

Lesson 3-1 • Reinforce Understanding
Generalize Place Value

Name _____

Review
Compare the 5s in 35,512.
35,512
The value of the 5 in the thousands place is 10 times the value of the 5 in the hundreds place.
The value of the 5 in the hundreds place is $\frac{1}{10}$ the value of the 5 in the thousands place.

1. How does an 8 in the hundreds place compare with an 8 in the thousands place? _____

Write one relationship comparing the value of the 3s in each pair of numbers.

2. 3,576 and 5,389

3. 4,023 and 6,731

Differentiation Resource Book 11

Lesson 3-1 • Extend Thinking
Generalize Place Value

Name _____

Carter, Linda, Jovan, and Gloria all collect marbles. The number of marbles that each has is shown in the table.

Name	Number of Marbles
Carter	3,000
Linda	300,000
Jovan	30
Gloria	300

1. Compare the number of marbles that Linda has to the number of marbles that Carter has.

2. Who has $\frac{1}{100}$ the number of marbles that Carter has?

3. Who has 1,000 times the number of marbles that Gloria has?

4. Dino has 30,000 marbles. How does the number of marbles Dino has compare with the number of marbles that:
a. Carter has?

b. Jovan has?

Differentiation Resource Book 12





Unit 3
How Ready Am I?

Name _____

1. What is the number *fifty thousand, two hundred six* written in standard form?
A. 52,600 B. 52,006
C. 50,260 D. 50,206

2. What is the product?
 $10 \times 7,000$
A. 70,000 B. 7,000
C. 700 D. 70

3. Which statement is not true?
A. $15.15 < 15.20$ B. $1.01 < 0.86$
C. $1.6275 < 1.6284$ D. $35.7 > 34.9$

4. Which of these represents 0.06?
A.  B. 
C.  D. 

5. Which of these shows 204,970 in expanded form?
A. $2 \times 10,000 + 4 \times 1,000 + 9 \times 10 + 7 \times 10$
B. $2 \times 100,000 + 4 \times 1,000 + 9 \times 100 + 7 \times 10$
C. $2 \times 100,000 + 4 \times 10,000 + 9 \times 100 + 7 \times 10$
D. $2 \times 10,000 + 4 \times 1,000 + 9 \times 100 + 7 \times 10$

Assessment Resource Book 31

Assess

Assignment Details
Number of questions: 12
Points possible: 20.00

Instructions
You are about to start your assessment.
1. Make sure you have a good Internet connection before starting the test.
2. Do not use your browser's forward or back buttons while taking the test.

Start Assignment

Assessment Resource Book

The Assessment Resource Book provides the following resources. Assessments can be completed in print or digitally.

COURSE ASSESSMENTS

Course Diagnostic assesses student's readiness for grade-level content as they enter a new school year.

Benchmark Assessments help monitor student progress towards grade-level expectations.

Summative Assessment evaluates student learning at the end of each grade level.

UNIT ASSESSMENTS

Unit Readiness Diagnostics assess each student's proficiency with pre-requisite skills to determine readiness for the unit content.

Unit Assessments measure multiple depths of knowledge to assess for various stages of understanding. Two forms of the assessment allow for flexibility.

Performance Tasks assess students' understanding of big ideas and their ability to apply unit content to solve real-world problems. In addition, practice performance tasks are available as part of the unit review materials.

LESSON ASSESSMENTS

Exit Tickets assess student understanding of lesson content and drive differentiation.

Assessment Resource Book

SAMPLE

Course Diagnostic

Unit 3: Place Value and Number Relationships

- Readiness Diagnostic
- Exit Tickets
- Unit Assessment Form A
- Unit Assessment Form B
- Performance Task

Course Diagnostic

Name _____

1. Which equation has the same unknown number as $320 \div 5 = \square$?

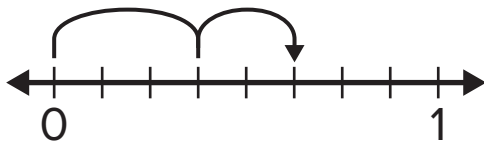
A. $\square \times 5 = 320$

B. $5 \times 320 = \square$

C. $\square \times 320 = 5$

D. $320 \times \square = 5$

2. Look at the number line.



Which equation matches the number line?

A. $\frac{0}{8} + \frac{3}{8} = \frac{3}{8}$

B. $\frac{4}{8} + \frac{2}{8} = \frac{6}{8}$

C. $\frac{4}{8} + \frac{3}{8} = \frac{7}{8}$

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

3. Use the clues to determine the number.

I have 36 hundreds, 34 tens, and 7 ones. What number am I?

4. Fiona uses $\frac{3}{10}$ kilogram of almonds for a snack mix. She uses $\frac{5}{10}$ kilogram of raisins.

How many more kilograms of raisins does Fiona use than almonds?

A. $\frac{1}{10}$ kilogram

B. $\frac{2}{10}$ kilogram

C. $\frac{5}{19}$ kilogram

D. $\frac{8}{10}$ kilogram

5. Which expression is equal to 37×56 ?

A. $(30 + 7) \times (50 + 6)$

B. $(30 \times 7) + (50 \times 6)$

C. $(30 + 7) \times 56 + (30 + 7) \times 6$

D. $(30 \times 50) + (30 \times 7) + (50 \times 6) + (7 \times 6)$

6. Garrick's garden has a length of 8 yards.

What is the length of his garden in feet?

A. 11 feet

B. 16 feet

C. 20 feet

D. 24 feet

7. Tia has 434 postcards in her collection divided equally among 7 boxes. She gives her brother 2 boxes of postcards in exchange for 91 of his postcards.

How many total postcards does Tia have now?

- A. 310 postcards
- B. 343 postcards
- C. 401 postcards
- D. 525 postcards

8. Which fraction is equivalent to the expression $\frac{1}{10} + \frac{1}{10} + \frac{1}{10}$?

- A. $\frac{3}{10}$
- B. $\frac{3}{30}$
- C. $\frac{1}{30}$
- D. $\frac{1}{10}$

9. The area of a rectangular playground is 112 square meters. The width of the playground is 7 meters.

What is the length, in meters, of the playground?

10. Which number is the best estimate for the quotient of $6,213 \div 9$?

- A. 70
- B. 80
- C. 700
- D. 800

11. What unknown fraction makes the equation $7 \times \frac{1}{3} = \square$ true?

- A. $\frac{1}{21}$
- B. $\frac{7}{3}$
- C. $\frac{71}{3}$
- D. $\frac{21}{1}$

12. How can you compare the fractions? Complete with $<$, $>$, or $=$.

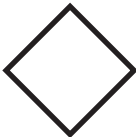
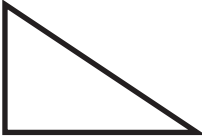
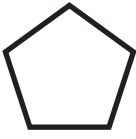
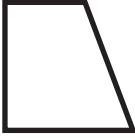
$$\frac{3}{5} = \underline{\hspace{2cm}} \frac{2}{3}$$

13. What is 208,327 rounded to the nearest hundred?

14. Which comparison is correct?

- A. $1.83 > 2.03$
- B. $3.97 > 3.98$
- C. $4.20 = 4.02$
- D. $2.16 < 2.31$

15. Which figure has at least one acute angle, one pair of perpendicular sides and no pairs of parallel sides?

- A. 
- B. 
- C. 
- D. 

Grade 5
Course Diagnostic (continued)

Name _____

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16. It takes Diego $\frac{3}{4}$ hour to clean his room.

How many minutes does it take Diego to clean his room?

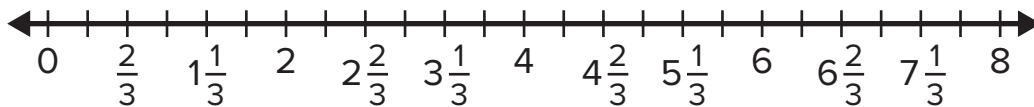
17. What unknown number makes the equation $1\frac{5}{8} + 2\frac{3}{8} = \square$ true?

- A. 3 B. $3\frac{7}{8}$ C. 4 D. $4\frac{1}{8}$

18. Meg has $\frac{2}{3}$ cup of oatmeal for breakfast each day.

How many cups of oatmeal does Meg have in 7 days?

Use the number line to determine your answer.



- A. 4 cups B. $4\frac{2}{3}$ cups C. $5\frac{1}{3}$ cups D. 8 cups

19. How can you compare the decimals? Complete with $<$, $>$, or $=$.

235.38 _____ 235.29

20. Look at the rectangle.



What is the area of the rectangle?

21. Kahlil makes candles. He uses $\frac{3}{8}$ pound of wax for each candle.

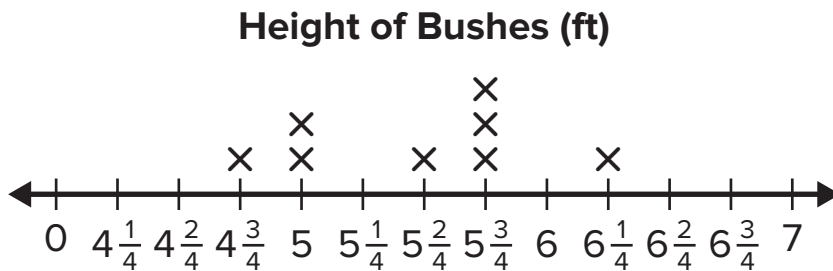
If Kahlil makes 5 candles, how many pounds of wax does he need in all?

- A. $1\frac{5}{8}$ pounds B. $1\frac{7}{8}$ pounds
C. $5\frac{3}{8}$ pounds D. $6\frac{5}{8}$ pounds

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22. What unknown number makes the equation $1\frac{3}{6} + \square = 5\frac{2}{6}$ true?
- A. $3\frac{5}{6}$ B. $3\frac{9}{6}$ C. $4\frac{1}{6}$ D. $6\frac{5}{6}$

23. Thavi compares the heights of nine bushes in her garden. The line plot shows the height, in feet, of each bush.



How much taller, in feet, is the tallest bush than the shortest bush?

- A. 1 foot B. $1\frac{2}{4}$ feet
 C. $2\frac{2}{4}$ feet D. 3 feet
24. Martin plays a game to practicing typing on the computer for 6 days. He plays the typing game for 38 minutes each day.
- How many minutes does Martin play in all?

25. What unknown fraction makes the equation $\frac{7}{12} - \frac{3}{12} = \square$ true?
- A. $\frac{2}{12}$ B. $\frac{3}{12}$ C. $\frac{4}{12}$ D. $\frac{5}{12}$

26. Lena eats 8 blueberries. Diana eats 4 times as many blueberries as Lena.
- Which equation represents the number of blueberries Diana eats?
- A. $8 \div 4 = 2$ B. $4 + 8 = 12$
 C. $8 - 4 = 4$ D. $4 \times 8 = 32$

27. Dmitri has 46 shells to decorate some picture frames.
- If he uses 8 shells to decorate each picture frame, how many picture frames can Dmitri decorate?

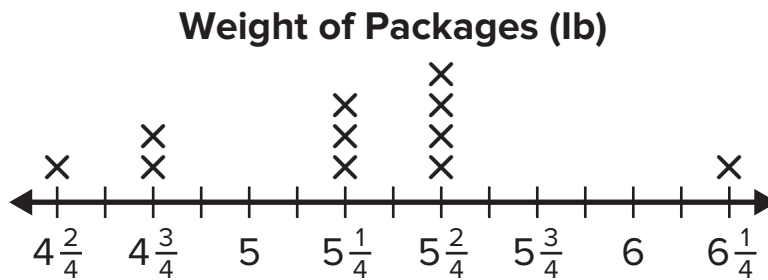
Grade 5
Course Diagnostic (continued)

Name _____

28. Write $\frac{57}{100}$ in decimal notation.

29. A mail carrier weighs some packages.

The line plot shows the weight, in pounds, of each package.



What is the total weight of the packages that weigh $4\frac{3}{4}$ pounds?

- A. $4\frac{3}{4}$ pounds B. $5\frac{2}{4}$ pounds
C. $8\frac{3}{4}$ pounds D. $9\frac{2}{4}$ pounds

30. Which fractions are equivalent to $\frac{4}{6}$? Choose all that apply.

- A. $\frac{8}{12}$ B. $\frac{6}{4}$
C. $\frac{9}{12}$ D. $\frac{6}{8}$
E. $\frac{2}{3}$

31. Which number makes the statement true?

830,000 is _____ times greater than 83,000.

- A. 10 B. 100 C. 1,000 D. 10,000

32. Rakshana has 92 pictures to put on scrapbook pages.

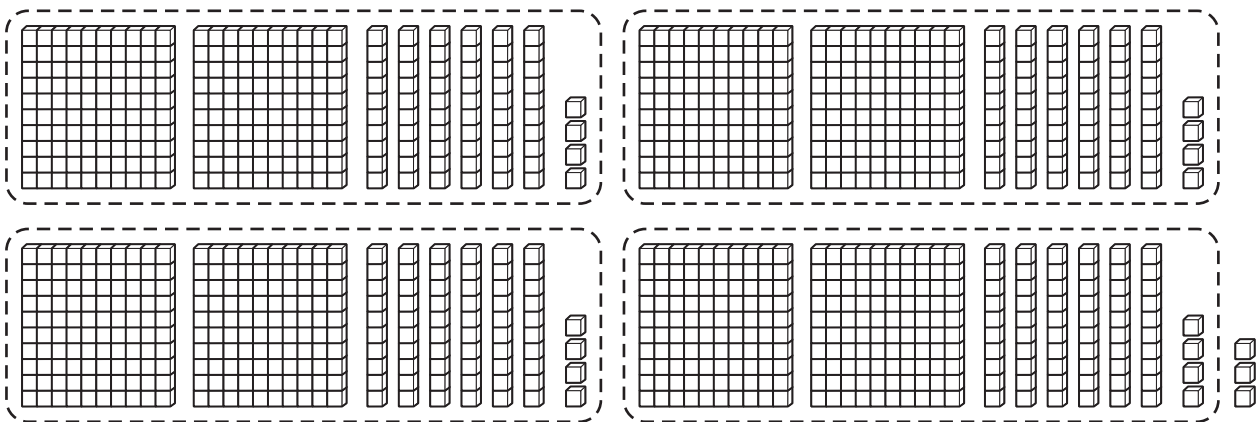
If each page holds 4 pictures, how many pages does Rakshana need?

33. What is the product of 84×32 ?

34. Which expression can be used to find the sum of $\frac{5}{10} + \frac{35}{100}$?

- A. $\frac{5}{10} + \frac{35}{100}$
- B. $\frac{50}{100} + \frac{35}{100}$
- C. $\frac{50}{100} + \frac{350}{100}$
- D. $\frac{5}{10} + \frac{3}{10}$

35. Look at the base-ten blocks.



Which division problem is represented by the base-ten blocks?

- A. $264 \div 4$
- B. $267 \div 4$
- C. $1,056 \div 4$
- D. $1,059 \div 4$

Unit 3

How Ready Am I?

Name _____

1. What is the number *fifty thousand, two hundred six* written in standard form?

A. 52,600 B. 52,006
C. 50,260 D. 50,206

2. What is the product?

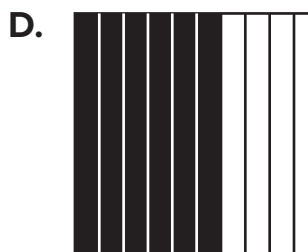
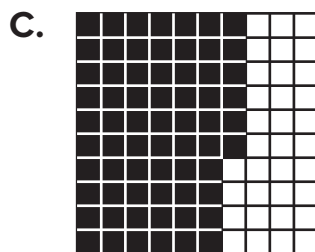
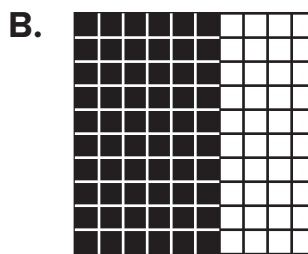
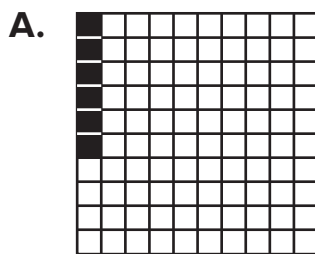
$$10 \times 7,000$$

A. 70,000 B. 7,000
C. 700 D. 70

3. Which statement is *not* true?

A. $15.15 < 15.20$ B. $1.01 < 0.86$
C. $1,627.5 < 1,628.4$ D. $35.7 > 34.9$

4. Which of these represents 0.06?



5. Which of these shows 204,970 in expanded form?

A. $2 \times 10,000 + 4 \times 1,000 + 9 \times 10 + 7 \times 10$
B. $2 \times 100,000 + 4 \times 1,000 + 9 \times 100 + 7 \times 10$
C. $2 \times 100,000 + 4 \times 10,000 + 9 \times 100 + 7 \times 10$
D. $2 \times 10,000 + 4 \times 1,000 + 9 \times 100 + 7 \times 10$

6. Which number is ten times greater than 40?
- A.** 4 **B.** 40
C. 400 **D.** 4,000
7. Which number has an 8 in the ten thousands place, a 7 in the tenths place, and a 2 in the hundreds place?
- A.** 184,259.73 **B.** 389,274.61
C. 805,261.79 **D.** 846,213.57
8. Charley solved a multiplication problem and got 800 for his answer. He then checked his work and found that the answer was actually 8,000. How many times *greater* is the value of 8 in 8,000 than the value of 8 in 800?
- A.** $\frac{1}{100}$ as much **B.** 10 times as much
C. $\frac{1}{10}$ as much **D.** 1,000 times as much
9. Pitcher A contains six-tenths of a liter of milk. Pitcher B contains eight-hundredths of a liter of milk. Which statement about the pitchers is true?
- A.** Pitcher B contains more milk than Pitcher A because $0.08 > 0.6$.
B. Pitcher A contains more milk than Pitcher B because $0.6 > 0.08$.
C. Pitcher B contains more milk than Pitcher A because $0.8 > 0.06$.
D. Pitcher A contains more milk than Pitcher B because $0.06 > 0.8$.
10. Which number rounds to 800 when rounded to the nearest hundred?
- A.** 738 **B.** 753
C. 855 **D.** 882

Lesson 3-1

Exit Ticket

Name _____

1. Which statement correctly compares the digit 9 in 359,276 and 471,962?
- A. The value of the digit 9 in 359,276 is $\frac{1}{100}$ the value of the digit 9 in 471,962.
 - B. The value of the digit 9 in 359,276 is $\frac{1}{10}$ the value of the digit 9 in 471,962.
 - C. The value of the digit 9 in 359,276 is 10 times the value of the digit 9 in 471,962.
 - D. The value of the digit 9 in 359,276 is 100 times the value of the digit 9 in 471,962.

2.

hundreds	tens	ones	hundreds	tens	ones
2	0	3	5	3	1
7	8	6	3	9	8

Which of these correctly compares the values of the digit 3 in the numbers? Choose all that apply.

- A. 300 is $\frac{1}{10}$ of 3,000
 - B. 3,000 is 10 times 300
 - C. 30 is $\frac{1}{10}$ of 3,000
 - D. $\frac{1}{10}$ of 300 is 30
3. Abigail travels 2,000 miles to visit her aunt. Then she travels 200 miles to visit her grandparents. How can you complete the statement to correctly compare the two distances?

2,000 miles is _____ times as far as 200 miles.

Reflect On Your Learning

I'm
confused.

I'm still
learning.

I understand.

I can teach
someone else.



Exit Ticket

Name _____

1.

tens	ones	tenths	hundredths
9	5	5	6

Which of these correctly compares the value of the digits 5 in 95.56? Choose all that apply.

- A. The value of the digit 5 in the ones place is 10 times the value of the digit 5 in the tenths place.
- B. The value of the digit 5 in the tenths place is 10 times the value of the digit 5 in the ones place.
- C. The value of the digit 5 in the tenths place is $\frac{1}{10}$ the value of the digit 5 in the ones place.
- D. The value of the digit 5 in the ones place is $\frac{1}{10}$ the value of the digit 5 in the tenths place.

2. Which statements are True? Which statements are False?

0.03 is 10 times 0.3 True False

0.1 is $\frac{1}{10}$ of 0.01 True False

0.2 is $\frac{1}{10}$ of 2 True False

9 is 10 times 0.9 True False

3. Trinity's ribbon is 0.7 meter long. Hadley's ribbon is $\frac{1}{10}$ as long.

How can you complete the statement to make it true?

Hadley's ribbon is _____ meter long.

Reflect On Your Learning

I'm
confused.

I'm still
learning.

I understand.

I can teach
someone else.



Lesson 3-3

Exit Ticket

Name _____

1. What is the correct word form of 0.287?
 - A. twenty-eight and seven hundredths
 - B. two hundred eight-seven hundredths
 - C. twenty-eight and seven thousandths
 - D. two hundred eighty-seven thousandths

2. Complete the sentence.

In standard form, the number *seventy-two and two hundred thirty-one thousandths* is written as _____.

What is each decimal number in standard form?

3. $4 + 0.3 + 0.003 =$ _____
4. $30 + 0.1 + 0.02 + 0.009 =$ _____
5. How is each decimal written as a fraction? Draw a line to match.

$\frac{7}{1,000}$	0.007
$\frac{77}{100}$	0.0077
$\frac{77}{1,000}$	0.07
$\frac{7}{10}$	0.077
	0.7
	0.77

Reflect On Your Learning

I'm
confused.

I'm still
learning.

I understand.

I can teach
someone else.



Lesson 3-4

Exit Ticket

Name _____

Is each comparison True or False?

	True	False
1. $0.8 < 0.79$		
2. $0.17 = 0.017$		
3. $0.113 > 0.109$		
4. $0.222 < 0.31$		

The table shows the amount of rainfall over 4 days.

Day	Amount of Rainfall (cm)
Monday	2.35
Tuesday	2.09
Wednesday	2.41
Thursday	2.4

How can you compare the decimals? Complete with $>$, $<$, or $=$.

5. $2.35 \bigcirc 2.09$

6. $2.09 \bigcirc 2.41$

7. $2.41 \bigcirc 2.4$

8. $2.35 \bigcirc 2.4$

9. Sam swims one length of the pool in 48.51 seconds. Jason swims one length of the pool in 48.46 seconds. Who swims faster?

Reflect On Your Learning

I'm
confused.

I'm still
learning.

I understand.

I can teach
someone else.



Lesson 3-5

Exit Ticket

Name _____

What is each rounded decimal?

1. 0.849 rounded to the nearest tenth is _____.
2. 0.849 rounded to the nearest hundredth is _____.

Do the decimals round to 6.9 when rounded to the nearest tenth? Choose Yes or No.

	Yes	No
3. 6.853		
4. 6.96		
5. 6.83		
6. 6.909		
7. 6.871		

What is each decimal rounded to the nearest whole number?

8. 9.72 rounds to _____.
9. 3.109 rounds to _____.
10. 7.64 rounds to _____.
11. 18.53 rounds to _____.
12. Rounded to the nearest dollar, Gina spent about \$14.00 at the store. Which could have been the actual amount she spent? Choose all that apply.

A. \$13.39

C. \$13.64

B. \$14.08

D. \$14.49

Reflect On Your Learning

I'm
confused.

I'm still
learning.

I understand.

I can teach
someone else.



Unit 3

Unit Assessment, Form A

Name _____

- Which statement about the digits in the number 39,906 is true?
 - The value of the digit 9 in the thousands place is 10 times the value of the digit 9 in the hundreds place
 - The value of the digit 9 in the thousands place is 100 times the value of the digit 9 in the hundreds place.
 - The value of the digit 9 in the thousands place is $\frac{1}{10}$ the value of the digit 9 in the hundreds place.
 - The value of the digit 9 in the thousands place has the same value as the digit 9 in the hundreds place.

- How can you write the number in standard form?
 In standard form, the number *nine hundred two and fifty-one thousandths* is written _____.

- Look at the digit 7 in the numbers given in the place-value chart.

hundreds	tens	ones	hundreds	tens	ones
7	9	7	2	6	4
	7	0	1	3	8

Which statement is true? Choose all that apply.

- 70,000 is $\frac{1}{10}$ of 700,000
- 7,000 is 10 times 700,000
- 70,000 is $\frac{1}{10}$ of 7,000
- 70,000 is $\frac{1}{10}$ of 700,000
- 70,000 is 10 times 7,000

4. Use the place value chart to complete the statement.

hundreds	tens	ones	tenths	hundredths	thousandths
4	6	5	5	5	1

The value of the digit 5 in the tenths place is $\frac{1}{10}$ the value of the digit 5 in the _____ place.

- A. ones B. tenths C. hundredths

Is each comparison True or False?

	True	False
5. $0.12 < 0.2$		
6. $0.407 > 0.446$		
7. $0.089 < 0.09$		
8. $0.61 > 0.06$		
9. $0.555 < 0.55$		
10. $0.34 = 0.034$		

11. A centimeter is 0.01 meter. A millimeter is 0.001 meter.

How does the length of 1 centimeter compare to the length of 1 millimeter? Explain your answer.

12. What is the expanded form of 405.072?

- A. $40 + 5 + \frac{7}{100} + \frac{2}{1,000}$
 B. $40 + 5 + \frac{7}{10} + \frac{2}{100}$
 C. $400 + 5 + \frac{7}{10} + \frac{2}{100}$
 D. $400 + 5 + \frac{7}{100} + \frac{2}{1,000}$

Unit 3
Unit Assessment, Form A (continued)

Name _____

Do the numbers round to 5.3 when rounded to the nearest tenth? Choose Yes or No for each number.

		Yes	No
13.	5.26		
14.	5.38		
15.	5.227		
16.	5.308		
17.	5.251		

18. What is the decimal form of each fraction? Draw a line to match. Not all decimals will be used.

$$\frac{333}{1000}$$

0.33

$$\frac{3}{100}$$

0.333

$$\frac{33}{100}$$

0.03

$$\frac{3}{1000}$$

0.003

19. The table shows the time it took Kara and Soo to each run the 100-meter dash.

Student	Time (seconds)
Kara	14.09
Soo	14.22

Which student ran faster? Explain how you know.

How can you round each number?

- 20.** 0.291 rounded to the nearest tenth is _____.
- 21.** 0.291 rounded to the nearest hundredth is _____.
- 22.** Which is the correct word form for 302.07?
- A.** thirty-two and seven hundredths
 - B.** three hundred two and seven tenths
 - C.** three hundred two and seven hundredths
 - D.** three hundred two and seven thousandths
- 23.** Rounded to the nearest 10 dollars, Holly spent about \$30.00 at the store. Which could be the exact amount of her purchases? Choose all that apply.
- A.** \$23.95
 - B.** \$28.25
 - C.** \$32.88
 - D.** \$35.45
 - E.** \$38.25
- 24.** Henri rounded the decimal 8.446 to the nearest tenth as 8.5. He reasoned that the digit 6 in the thousandths place rounded the number to 8.45, and so the digit 5 in the hundredths place rounds the number to 8.5 to the nearest tenth. Is Henri correct? Explain.

Unit 3

Unit Assessment, Form B

Name _____

- Which statement about the digits in 144,672 is true?
 - The value of the digit 4 in the thousands place is 10 times the value of the digit 4 in the ten thousands place.
 - The value of the digit 4 in the ten thousands place is 100 times the value of the digit 4 in the thousands place.
 - The value of the digit 4 in the thousands place is $\frac{1}{10}$ the value of the digit 4 in the ten thousands place.
 - The value of the digit 4 in the ten thousands place has the same value as the digit 4 in the thousands place.

- How can you write the number in standard form?

In standard form, the number *six and fifty-one thousandths* is written as _____.

- Look at the digit 2 in the numbers in the place-value chart.

hundreds	tens	ones	hundreds	tens	ones
8	0	6	2	7	0
	1	2	9	2	4

Which statement is true? Choose all that apply.

- 20 is $\frac{1}{10}$ of 200
- 2,000 is 10 times 200
- 200 is $\frac{1}{10}$ of 2,000
- 200 is $\frac{1}{10}$ of 20
- 200 is 10 times 2,000

4. Use the place-value chart to complete the statement.

hundreds	tens	ones	tenths	hundredths	thousandths
1	0	7	6	6	6

The value of the 6 in the hundredths place is 10 times the value of the 6 in the _____ place.

- A. ones B. tenths C. thousandths

Is each comparison *True* or *False*.

	<i>True</i>	<i>False</i>
5. $0.91 = 0.910$		
6. $0.77 < 0.777$		
7. $0.07 > 0.70$		
8. $0.052 > 0.06$		
9. $0.109 < 0.121$		
10. $0.35 > 0.4$		

11. A centimeter is 0.01 meter. A millimeter is 0.001 meter. How does the length of 1 millimeter compare to the length of 1 centimeter? Explain your answer.

12. What is the expanded form of 103.702?

- A. $100 + 3 + \frac{7}{10} + \frac{2}{1,000}$
- B. $100 + 3 + \frac{7}{10} + \frac{2}{100}$
- C. $10 + 3 + \frac{7}{100} + \frac{2}{1,000}$
- D. $10 + 3 + \frac{7}{10} + \frac{2}{1,000}$

Unit 3
Unit Assessment, Form B (continued)

Name

Do the numbers round to 7.3 when rounded to the nearest tenth? Choose Yes or No for each number.

	Yes	No
13. 7.26		
14. 7.38		
15. 7.227		
16. 7.308		
17. 7.251		

18. What is the decimal form of each fraction? Draw a line to match.
 Not all decimals will be used.

$\frac{5}{10}$	0.005
$\frac{55}{100}$	0.55
$\frac{5}{100}$	0.555
$\frac{55}{1000}$	0.5
	0.05
	0.055

19. The table shows the distance each of two marbles travelled when rolled down a ramp.

Marble	Distance (meters)
Marble A	9.36
Marble B	9.08

Which marble traveled farther? Explain how you know.

How can you round each number?

- 20.** 0.752 rounded to the nearest tenth is _____.
- 21.** 0.752 rounded to the nearest hundredth is _____.
- 22.** Which is the correct word form for 205.004?
- A.** twenty-five and four thousandths
 - B.** two hundred five and four tenths
 - C.** two hundred five and four hundredths
 - D.** two hundred five and four thousandths
- 23.** Rounded to the nearest 10 dollars, Barb spent about \$50.00 at the store. Which could be the exact amount of her purchases? Choose all that apply.
- A.** \$43.95
 - B.** \$48.25
 - C.** \$52.88
 - D.** \$55.45
 - E.** \$58.25
- 24.** Bill rounded the decimal 12.448 to the nearest tenth as 12.5. He reasoned that the digit 8 in the thousandths place rounded the number to 12.45, and so the digit 5 in the hundredths place rounds the number to 12.5 to the nearest tenth. Is Bill correct? Explain.

Unit 3

Performance Task

Name _____

A Trip to the Movies

Jackson and Frank go to a movie. Before finding a seat, they stop by the snacks counter.

Part A

Jackson estimates a large drink costs about \$5. The actual price is \$5.75. Is Jackson's estimate reasonable? Explain your answer.

Part B

Jackson pays \$9.79 for his snacks, while Frank pays \$7.62. Show two different ways to describe the relationship between the values of the digit 7 in each number. Explain your answer.

Part C

Jackson and Frank have \$30 combined and the tickets cost \$14.99 each. Do Jackson and Frank have enough money for their snacks and movie tickets? Use rounding of decimals to explain your answer.

Part D

Last week, the movie theater sold 13,819 tickets. This week, the movie theater sells 13,694 tickets. When determining which week sold more tickets, why is it *not* necessary to compare the digits in the tens place? Explain your answer.

Part E

Jackson's and Frank's ticket stubs each have a five-digit code. Jackson's five-digit code has the digit 8 in the thousands place which has a value ten times greater than the digit 8 in Frank's code. The digit 6 in Frank's code has a value of 60,000, which is one hundred times the value of the 6 in Jackson's code. Write an example of a five-digit code that fits the description for each boy using only the digits 0, 1, 2, 3, 4, and 5 one time each for the remaining places. Whose code is greater? Explain your answer.