Name: _____ Date: _____

EVERYDAY MATHEMATICS—4th Grade
Unit 1 Review: Place Value; Multidigit Addition & Subtraction

1) Identify the values of the digits in the number 7,326.
Use a place-value tool, if needed.

a. The digit 3 represents _____.

b. The digit 2 represents _____.

c. The digit 7 represents _____.

d. The digit 6 represents _____.

2) Identify the places of the digits in the number 39,564.

Use a place-value tool, if needed.

a. The 9 is in the _____ place.

b. The 5 is in the _____ place.

c. The 3 is in the _____ place.

3) Write <, >, or =. Use a place-value tool, if needed.

a. 434 _____ 443

b. 1,306 _____ 1,416

c. 48,300 _____ 43,623

d. 876,280 _____ 76,820

4) Round the numbers.

a. Round 5,041 to the nearest thousand.

Answer:_____

b. Round 64,913 to the nearest ten-thousand.

Answer:_____

Unit 1 Review (continued)

5) Alejandra baked 47 muffins on Saturday, 63 on Sunday, and 121 on Monday. She gave 16 to her friends. Alejandra needs at least 250 muffins for the bake sale.

Without solving, do you think she baked enough?_____

How do you know? Explain your estimation strategy.

_____

_____

_____

Find the exact number of muffins Alejandra has for the bake sale.

_____ muffins

Look back at your estimate. Does your answer make sense?

_____

6) Estimate and then solve using U.S. traditional addition.

a. 493 + 828 = _____

Unit
batteries

b. 845
+ 657

Unit
cans

Estimate:

_____

Estimate:

_____

7) Solve using U.S. traditional subtraction.

a. 732 - 483 = _____

Unit
students

b. 543
- 296

Unit
flowers

Estimate:

_____

Estimate:

_____

Unit 1 Review (continued)

8) a. Convert from yards to feet.

yards	feet
3	
6	
8	
12	

b. Explain how you figured out how many feet are in 12 yards.

_____

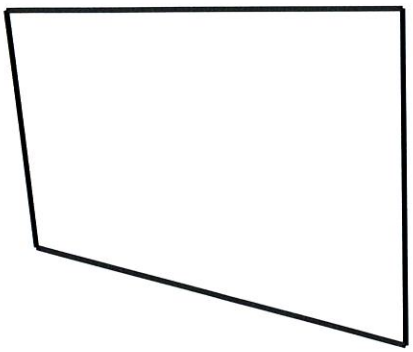
_____

_____

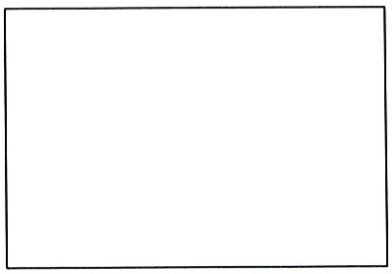
_____

_____

9) Circle the right angle(s).



10) Find the perimeter of the rectangle.



Perimeter: _____ feet

Explain how you found the perimeter.

_____

_____

_____

Name: *ANSWER KEY* Date: _____

EVERYDAY MATHEMATICS—4th Grade
Unit 1 Review: Math Tools, Time, and Multiplication

1) Identify the values of the digits in the number 7,326.
Use a place-value tool, if needed.

a. The digit 3 represents 300.

b. The digit 2 represents 20.

c. The digit 7 represents 7,000.

d. The digit 6 represents 6.

2) Identify the places of the digits in the number 39,564.

Use a place-value tool, if needed.

a. The 9 is in the thousands place.

b. The 5 is in the hundreds place.

c. The 3 is in the ten-thousands place.

3) Write <, >, or =. Use a place-value tool, if needed.

a. 434 < 443

b. 1,306 < 1,416

c. 48,300 > 43,623

d. 876,280 > 76,820

4) Round the numbers.

a. Round 5,041 to the nearest thousand.

Answer: 5,000

b. Round 64,913 to the nearest ten-thousand.

Answer: 60,000

Unit 1 Review (continued) *ANSWER KEY*

5) Alejandra baked 47 muffins on Saturday, 63 on Sunday, and 121 on Monday. She gave 16 to her friends. Alejandra needs at least 250 muffins for the bake sale.

Without solving, do you think she baked enough? no

How do you know? Explain your estimation strategy.

Possible answer: I rounded 47 to 50 and 63 to 50. That's about 100. I rounded 121 to 120 and added 100, which is 220. Then I subtracted about 20 because Alejandra gave away 16 muffins. I got 200, which is much less than 250 muffins that she needs.

Find the exact number of muffins Alejandra has for the bake sale.

215 muffins

Look back at your estimate. Does your answer make sense?

Possible answer: Yes, my answer makes sense because it is 15 more than my estimate.

6) Estimate and then solve using U.S. traditional addition.

a. 493 + 828 = 1,321

Unit
batteries

b.
$$\begin{array}{r} 845 \\ +\ 657 \\ \hline 1{,}502 \end{array}$$

Unit
cans

Estimate:

490 + 830 = 1,320

Estimate:

850 + 660 = 1,510

7) Solve using U.S. traditional subtraction.

a. 732 - 483 = 249

Unit
students

b.
$$\begin{array}{r} 543 \\ -\ 296 \\ \hline 247 \end{array}$$

Unit
flowers

Estimate:

730 - 480 = 250

Estimate:

540 - 300 = 240

Unit 1 Review (continued) *ANSWER KEY*

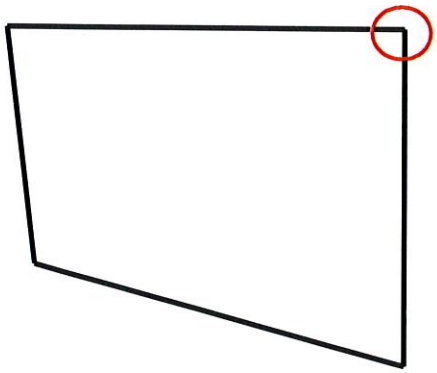
8) a. Convert from yards to feet.

yards	feet
3	9
6	18
8	24
12	36

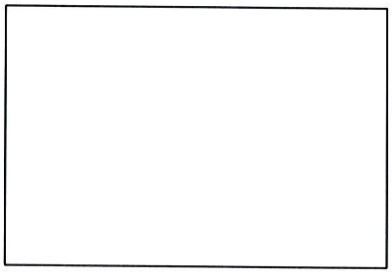
b. Explain how you figured out how many feet are in 12 yards.

*Possible answer: I knew 3 feet are in 1 yard, so I multiplied 3 by 12 to get 36 feet in 12 yards.

9) Circle the right angle(s).



10) Find the perimeter of the rectangle.



Perimeter: 62 feet

Explain how you found the perimeter.

Possible answer: I multiplied 17 by 2 and got 34. I multiplied 14 by 2 and got 28. I added 34 and 28 to get a total of 62 feet.