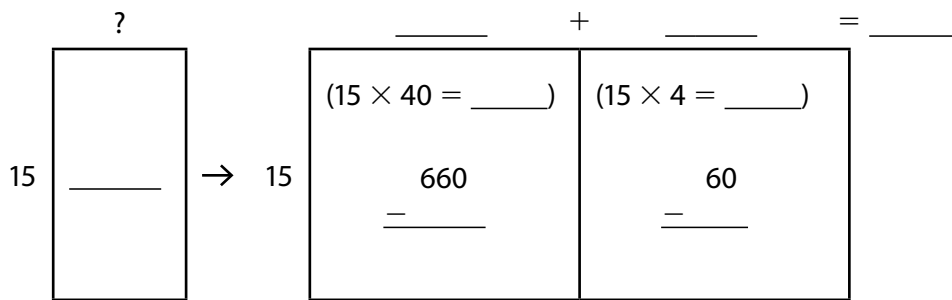


Ready® Mathematics**Unit 1 Unit Assessment****Form A****Solve the problems.**

- 1** Fill in the blanks to complete the area model to solve $660 \div 15$.

$660 \div 15$ is the same as _____ \times ? = _____



$660 \div 15 =$ _____

- 2** Which expressions have the same value as the product of 0.06×3.9 ?
Circle the letter for all that apply.

- A** 0.234×1
B 2.34×0.1
C 23.4×0.01
D 234×0.01
E 234×0.001

- 3** Tell whether each equation is *True* or *False*.

- a.** $51.08 + 29.10 = 80.9$ True False
b. $76.5 - (21.48 + 45.94) = 9.08$ True False
c. $41.27 - (16.3 + 21.98) = 3.09$ True False
d. $816.2 - 35.47 = 780.73$ True False



Unit 1 Unit Assessment *continued***Form A**

4 Which decimal represents $8 \times 1,000 + 4 \times 100 + 7 \times \frac{1}{10} + 3 \times \frac{1}{1,000}$?

A 8,004.073

C 8,400.703

B 8,040.073

D 8,400.730

5 A soccer team practices 3 times a week. Each practice lasts for 110 minutes. The team practiced for 14 weeks during the season.

Part A

How many minutes did the team practice during the season?

Show your work.

Part B

How many hours did the team practice during the season? (Hint: Remember that there are 60 minutes in one hour.)

Show your work.

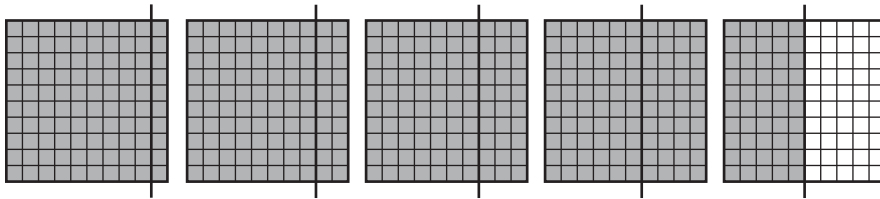


Unit 1 Unit Assessment *continued***Form A**

- 6** Alyssa is helping to set up drinks and snacks for a luncheon.

Part A

Alyssa has 4.5 liters of lemonade to pour into pitchers. Each pitcher holds 0.9 liter of lemonade. If Alyssa pours an equal amount of lemonade into each pitcher, how many pitchers does she fill? Alyssa drew the model below to show how many pitchers she fills. Is Alyssa's model correct? Explain.



Part B

Alyssa has a 10.2-gram bag of pretzels and a 21.3-gram bag of snack mix. She puts an equal amount of the combined pretzel and snack mix into each of 3 large bowls. How much mix does Alyssa put in each bowl?

Show your work.



Unit 1 Unit Assessment *continued***Form A**

7 Write $>$, $<$, or $=$ to complete each comparison.

a. 6.209 _____ 6.29

b. 71.6 _____ 71.63

c. 0.842 _____ 0.824

d. 0.09 _____ 0.090

e. 5.31 _____ 5.13

8 A fabric store sells close-out fabrics for \$1.75 a yard. A customer buys 6 yards of fabric. How much does the customer pay for the fabric?

Show your work.

9 Choose *Yes* or *No* to tell whether the expression is equivalent to 368×51 .

a. $(368 \times 50) + (368 \times 1)$ Yes No

b. $(300 \times 51) + (60 \times 51) + (8 \times 51)$ Yes No

c. $(368 \times 5) + (368 \times 1)$ Yes No

d. $15,000 + 3,000 + 400 + 300 + 60 + 8$ Yes No



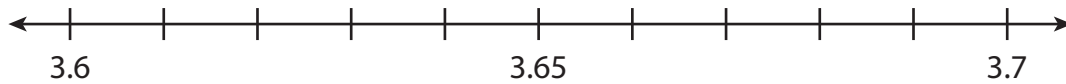
Unit 1 Unit Assessment *continued***Form A**

- 10** Caleb divides powers of 10 using exponents. He says that 0.6 divided by 10^2 increases the value of the 6. Do you agree with Caleb? Explain your thinking.

- 11** Sarah and Brooke use an online tool to time how long it takes to download apps. Sarah records a download time of 3.625 seconds for her app. Brooke records a download time of 3.635 seconds for her app.

Part A

Label the number line below with hundredths. Then mark and label two points to show Sarah's and Brooke's download times.

**Part B**

Complete the sentences about Sarah's and Brooke's download times. Use the words and decimals in the box. Not all the items in the box will be used.

slower	faster	3.6	3.7	tenth	hundredth
--------	--------	-----	-----	-------	-----------

- Rounded to the nearest _____, both times are the same.
- Both times are closer to _____ than _____.
- Brooke's download time is _____ than Sarah's download time.



Unit 1 Unit Assessment *continued***Form A**

- 12** Kyle has three pieces of rope. The lengths of the ropes are 241.6 centimeters, 241.38 centimeters, and 264.7 centimeters. What is the difference in length between the longest and shortest pieces of rope?

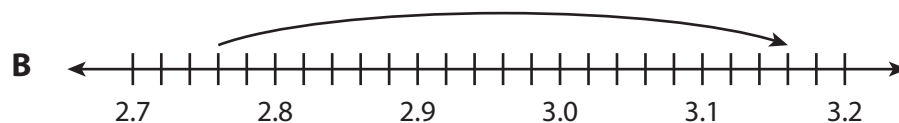
Show your work.

- 13** Choose *Yes* or *No* to tell whether the expression is equivalent to 1.5.

- a. 0.15×100 Yes No
- b. $15.0 \div 10$ Yes No
- c. 0.15×10 Yes No
- d. $0.15 \div 10$ Yes No

- 14** Lauren ran 2.76 miles in a track event. Then she ran 0.4 miles home after the event. Which model represents the sum of the number of miles Lauren ran?

A 2 ones + 7 tenths + 6 hundredths



C 3 ones + 16 tenths

