Grade 5 Unit 2 Assessment Items CC Standard 5.NBT.7

The sample items and performance tasks are intended to help teachers, administrators, and policymakers implementing the Common Core State Standards (CCSS) and preparing for next-generation assessments. They provide an early look into the depth of understanding of the CCSS that will be measured by the Smarter Balanced assessment system. While the items and tasks cannot provide the entire scope of the new assessment teachers can use them to support instruction in the common core framework and to support the shifts in instruction that will be required to help students meet the demands of the new assessments. Please feel free to send comments about the items to the Mathematics Department. We want the items to be effective so we encourage any feedback that would help the item writers provide assessment items that meet the needs of students and teachers.

A tabletop has the measurements 3.5 meters by 1.2 meters. What is the area in square meters? If your brother cut off part of one side, how would that affect the area of the tabletop? Show your work, including a diagram. You can use graph paper if needed.

Area of table top _____

Explain how the area of the table top is affected by the cut.

_____

_____

_____

_____

Choose the best answer if the missing part is any digit 1 - 9?

$$\begin{array}{r} 2.\square \\ +\ 2.\square \\ \hline \end{array}$$

a. The sum is between 4 and 5.
b. The sum is between 4 and 6.
c. The sum is between 5 and 6.
d. The sum is between 5 and 7.

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Is the difference correct? If NOT, give the correct difference and your explanation.

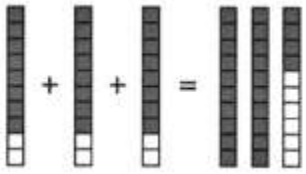
$$\begin{array}{r} 456.8 \\ -26.59 \\ \hline 19.09 \end{array}$$

Circle: Yes or No

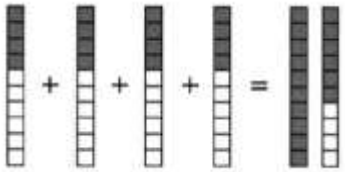
Explanation: _____

_____

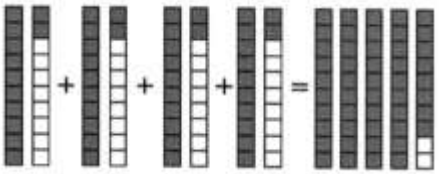
Use the model to find each product.



$0.8 \times 3 =$ ☐

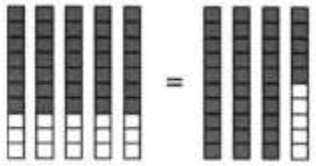


$0.4 \times 4 =$ ☐



$1.2 \times 4 =$ ☐

Write the multiplication problem that is shown by the decimal model.



- ☐ X ☐ = ☐

Use the given numbers to write a correct division statement.

236.4 ÷ _____ = _____

10	2364.0
100	2.364
1000	0 .2364