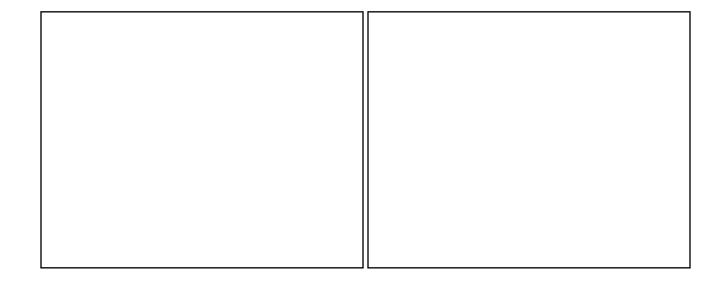# Grade 3 Unit 2 Assessment Items CC Standard 3.OA.5

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.
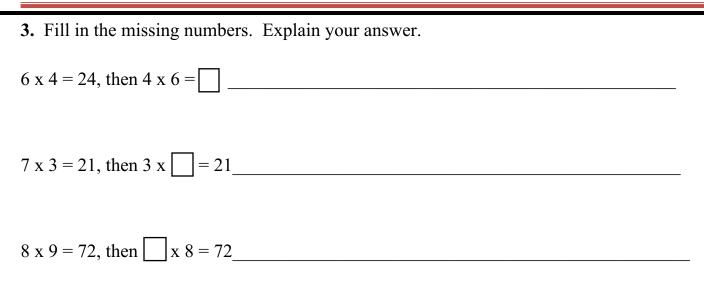
3. O.A. 5 Sample Items

1. Show two different arrays for 7 x 8 = 56 using the **distributive property**.

2. Draw or explain how **decomposing** the factor 8 in the equation 8 x 5 equals the same product 40.

$$3 \times 5 = 15$$
$$5 \times 5 = \underline{25}$$
$$40$$

3. Fill in the missing numbers. Explain your answer.

6 x 4 = 24, then 4 x 6 = $\square$ _____

7 x 3 = 21, then 3 x $\square$ = 21 _____

8 x 9 = 72, then $\square$ x 8 = 72 _____

4. Choose all the ways you can solve for 4 x 12

A. (4 x 10) + (4 x 2) = 40 + 8

B. (4 x 12) + (4 x 12) + (4 x 12) + (4 x 12)

C. (2 x 12) + (2 x 12)

D. (2 x 12) x (2 x 12)

E. (4 x 10) + (4 + 4)