

Grade 3 – Math

QUESTION:

For a school field trip, 72 students will be traveling in 9 vans. Each van will hold an equal number of students. The equation shows a way to determine the number of students that will be in each van.

$$72 \div 9 = ?$$

The given equation can be rewritten using a different operation.

Use the dropdown menus to select the operation and the numbers to complete the equation.

Choose...	Choose...	Choose...	=72
9	+	9	
72	-	72	
?	x	?	
	÷		

SCORING AND ANSWER:

Type 1 Item – 1 point

ITEM DESCRIPTION AND ASSESSMENT QUALITIES:

This task illustrates the tie between multiplication and division. The Standards list twelve situations for multiplication and this context-based task around equal groups is grade-appropriate for grade 3. Grade 3 students engage deeply with multiplication and division, which requires a firm conceptual understanding to create the foundation needed as they continue their exploration of multiplication, division, and eventually rates and proportional relationships in future grades.

Unlike traditional multiple choice, it is difficult to guess the correct answer or use a choice elimination strategy. Students are able to authentically create their own equation and the technology allows for immediate scoring of the result.

ANSWER:

Student uses the drop-down menus to create one of the following:

"?" "x" "9" OR "9" "x" "?".