

## Smarter Balanced Assessment Item Illustrating 5.NF.B.5

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2021



Drag one number into each box to create a fraction that correctly completes each statement.

0  
1  
2  
3  
4  
5  
6  
7  
8  
9

0 1 2 3 4 5 6 7 8 9

Delete

$$4 \times \frac{\square}{\square} < 4$$
$$4 \times \frac{\square}{\square} = 4$$
$$4 \times \frac{\square}{\square} > 4$$
**Answer Key**

Student creates a fraction less than 1; Student creates a fraction equal to 1; Student creates a fraction greater than 1.

**Elaboration on Alignment**

This item targets conceptual understanding as it allows for students to create fractions to complete the comparisons based on the size of the given numbers. Therefore, a student who has a deep understanding of the expectations set forth by standard 5.NF.B.5 can complete this problem “without performing the indicated multiplication,” but rather by understanding that any fraction less than 1 will make the first statement true, that a fraction equal to 1 will make the second comparison true, and a fraction greater than 1 will make the third comparison true.

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