

## Smarter Balanced Assessment Item Illustrating 4.NF.B.4

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**Example Stem:** Enter the unknown number that makes the equation true.

$$\frac{4}{12} = \square \times \frac{1}{12}$$

### Answer Key

4

### Elaboration on Alignment

This item aligns specifically to 4.NF.B.4.a which requires students to understand a fraction  $a/b$  as a multiple of  $1/b$ . The standards consistently use the unit fraction as a way for students to understand fractions as numbers and to develop understanding and flexibility with fraction operations. In grade 3, the unit fraction  $1/b$  is used to build understanding of all fractions  $a/b$ . This idea is carried over into 4.NF.B.3 as students understand a fraction  $a/b$  with  $a > 1$  as a sum of fractions  $1/b$  to develop concepts of addition and subtraction. Similarly, the concept is used in fraction multiplication to develop flexibility with fraction operations.

### Learn More

Learn more with the [MATH Assessment Item Alignment Modules](#) at [www.achievethecore.org](http://www.achievethecore.org).