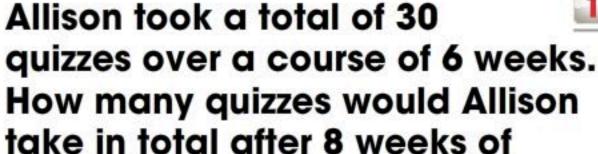When dealing with more complex proportions, this simple approach may not be enough. Instead, you will have to solve proportions by using the cross-multiplication approach. Solve the proportion below by multiplying the denominator of one fraction with the numerator of the other.

$$\frac{1}{2} = \frac{x}{12}$$

← **touch**

Reset

ES

Allison took a total of 30 quizzes over a course of 6 weeks. How many quizzes would Allison take in total after 8 weeks of classes?

(touch the image to enlarge)

☐☐ **quizzes**

Touch for Solution

1 2 3 4 5 6 7 8 9 0

Reset

ES

State whether the following ratios are proportions.

$$\frac{1}{7} = \frac{3}{21}$$ YES / NO   ✓   1/15

Reset