



Variable Shuffle

Directions: Use cross multiplication to solve each proportion. Watch where the variable appears.

1. $\frac{x}{7} = \frac{6}{14}$

$x =$ _____

2. $\frac{5}{x} = \frac{15}{24}$

$x =$ _____

3. $\frac{9}{12} = \frac{x}{20}$

$x =$ _____

4. $\frac{8}{10} = \frac{20}{x}$

$x =$ _____

5. $\frac{x}{18} = \frac{7}{21}$

$x =$ _____

6. $\frac{12}{x} = \frac{3}{5}$

$x =$ _____

7. $\frac{4}{11} = \frac{x}{33}$

$x =$ _____

8. $\frac{15}{25} = \frac{9}{x}$

$x =$ _____

9. $\frac{x}{32} = \frac{3}{8}$

$x =$ _____

10. $\frac{14}{x} = \frac{7}{9}$

$x =$ _____