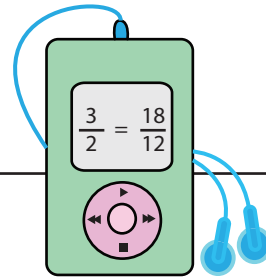


Name : _____

Equivalent Fractions

MS5



Find the value of the variable to make each pair of fractions equivalent.

1) $\frac{54}{21} = \frac{18}{s}$

$s = \square$

2) $\frac{t}{45} = \frac{3}{5}$

$t = \square$

3) $\frac{6}{17} =$

$p =$

$\frac{8}{f}$

\square

5) $\frac{7}{14} =$

$k =$

$\frac{2}{7}$

\square

7) $\frac{4}{c} =$

$c =$

$\frac{q}{8}$

\square

9) $\frac{9}{m} =$

i) If $m = 5$, $n = \square$

ii) If $n = 45$, $m = \square$

10) $\frac{a}{15} = \frac{2}{b}$

i) If $b = 5$, $a = \square$

ii) If $a = 10$, $b = \square$

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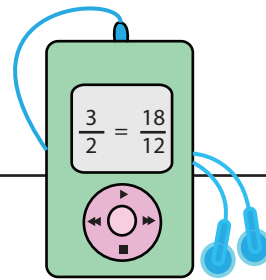
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Name : _____

Answer Key

Equivalent Fractions

MS5



Find the value of the variable to make each pair of fractions equivalent.

1) $\frac{54}{21} = \frac{18}{s}$

$s = \boxed{7}$

2) $\frac{t}{45} = \frac{3}{5}$

$t = \boxed{27}$

3) $\frac{6}{17} =$

$p =$

$\frac{8}{f}$

$\boxed{3}$

5) $\frac{7}{14} =$

$k =$

$\frac{2}{7}$

$\boxed{56}$

7) $\frac{4}{c} =$

$c =$

$\frac{q}{8}$

$\boxed{9}$

9) $\frac{9}{m} =$

i) If $m = 5$, $n = \boxed{18}$

ii) If $n = 45$, $m = \boxed{2}$

10) $\frac{a}{15} = \frac{2}{b}$

i) If $b = 5$, $a = \boxed{6}$

ii) If $a = 10$, $b = \boxed{3}$

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