Name : _____

Equivalent Fractions

$$\frac{3}{2} = \frac{18}{12}$$

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

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

   $s =$ ☐

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

   $t =$ ☐

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

   $p =$

   $\dfrac{8}{f}$

   ☐

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

   $k =$

   $\dfrac{2}{7}$

   ☐

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

   $c =$

   $\dfrac{q}{8}$

   ☐
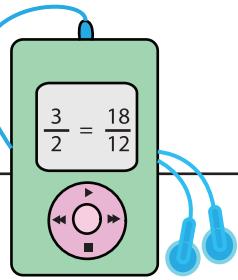
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9) $\dfrac{9}{m} =$

   i) If $m = 5$, $n =$ ☐

   ii) If $n = 45$, $m =$ ☐

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

   i) If $b = 5$, $a =$ ☐

   ii) If $a = 10$, $b =$ ☐