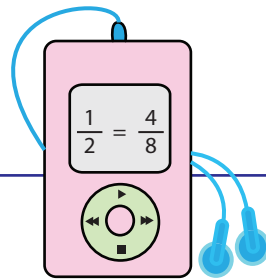


Equivalent Fractions

ES1



Find the value of a variable in each problem.

1) $\frac{3}{4} = \frac{p}{12}$

$p = \boxed{}$

2) $\frac{m}{3} = \frac{5}{15}$

$m = \boxed{}$

3) $\frac{24}{a} = \frac{72}{39}$

$a = \boxed{}$

4) $\frac{1}{2} = \frac{b}{14}$

$b = \boxed{}$

5) $\frac{7}{4} = \frac{28}{q}$

$q = \boxed{}$

6) $\frac{12}{n} = \frac{24}{16}$

$n = \boxed{}$

7) $\frac{g}{25} = \frac{4}{5}$

$g = \boxed{}$

8) $\frac{3}{12} = \frac{d}{4}$

$d = \boxed{}$

9) $\frac{2}{p} = \frac{q}{10}$

i) If $p = 5$, $q = \boxed{}$

ii) If $q = 1$, $p = \boxed{}$

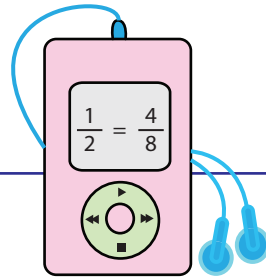
10) $\frac{a}{3} = \frac{2}{b}$

i) If $a = 1$, $b = \boxed{}$

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

Answer key**Equivalent Fractions**

ES1



Find the value of a variable in each problem.

1) $\frac{3}{4} = \frac{p}{12}$

$p = \boxed{9}$

2) $\frac{m}{3} = \frac{5}{15}$

$m = \boxed{1}$

3) $\frac{24}{a} = \frac{72}{39}$

$a = \boxed{13}$

4) $\frac{1}{2} = \frac{b}{14}$

$b = \boxed{7}$

5) $\frac{7}{4} = \frac{28}{q}$

$q = \boxed{16}$

6) $\frac{12}{n} = \frac{24}{16}$

$n = \boxed{8}$

7) $\frac{g}{25} = \frac{4}{5}$

$g = \boxed{20}$

8) $\frac{3}{12} = \frac{d}{4}$

$d = \boxed{1}$

9) $\frac{2}{p} = \frac{q}{10}$

i) If $p = 5$, $q = \boxed{4}$

ii) If $q = 1$, $p = \boxed{20}$

10) $\frac{a}{3} = \frac{2}{b}$

i) If $a = 1$, $b = \boxed{6}$

ii) If $b = 3$, $a = \boxed{2}$