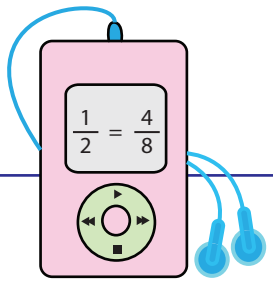
Name : _____ Score : _____

# Equivalent Fractions

ES1




Find the value of a variable in each problem.

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

p = ☐

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

m = ☐

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

a = ☐

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

b = ☐

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

q = ☐

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

n = ☐

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

g = ☐

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

d = ☐

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

i) If p = 5, q = ☐

ii) If q = 1, p = ☐

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

i) If a = 1, b = ☐

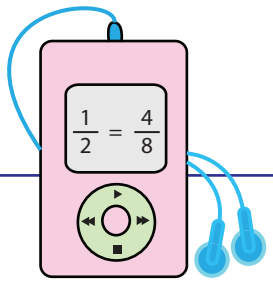
ii) If b = 3, a = ☐

Name : _____ Score : _____

**Answer key**

# Equivalent Fractions

ES1




Find the value of a variable in each problem.

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

p = **9**

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

m = **1**

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

a = **13**

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

b = **7**

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

q = **16**

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

n = **8**

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

g = **20**

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

d = **1**

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

i) If p = 5, q = **4**

ii) If q = 1, p = **20**

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

i) If a = 1, b = **6**

ii) If b = 3, a = **2**