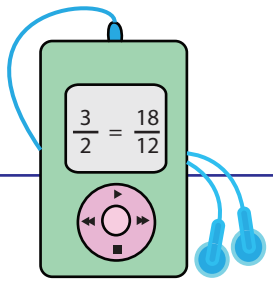
Name : _____ Score : _____

Equivalent Fractions

MS1



Find the value of a variable in each problem.

1) $\frac{56}{88} = \frac{b}{11}$

b = ☐

2) $\frac{c}{40} = \frac{9}{8}$

c = ☐

3) $\frac{4}{s} = \frac{d}{4}$

s = ☐

5) $\frac{35}{21} = \frac{2}{7}$

m = ☐

7) $\frac{9}{13} = \frac{f}{3}$

n = ☐

9) $\frac{8}{a} =$

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i) If a = 10, b = ☐

ii) If b = 2, a = ☐

10) $\frac{p}{18} = \frac{4}{q}$

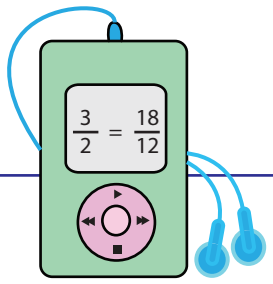
i) If q = 6, p = ☐

ii) If p = 36, q = ☐

Name : _____ Score : _____

Answer key

Equivalent Fractions



MS1

Find the value of a variable in each problem.

1) $\frac{56}{88} = \frac{b}{11}$

b = **7**

2) $\frac{c}{40} = \frac{9}{8}$

c = **45**

3) $\frac{4}{s} = \frac{d}{4}$

s = **1**

5) $\frac{35}{21} = \frac{2}{7}$

m = **14**

7) $\frac{9}{13} = \frac{f}{3}$

n = **8**

9) $\frac{8}{a} =$

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i) If a = 10, b = **4**

ii) If b = 2, a = **20**

10) $\frac{p}{18} = \frac{4}{q}$

i) If q = 6, p = **12**

ii) If p = 36, q = **2**