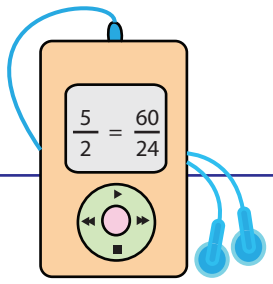
Name : _____ Score : _____

Equivalent Fractions

DS1



Find the value of a variable in each problem.

1) $\frac{20}{36} = \frac{5}{u}$

u = ☐

2) $\frac{2}{5} = \frac{24}{d}$

d = ☐

3) $\frac{k}{3} = \frac{e}{6}$

k = ☐

5) $\frac{60}{s} = \frac{72}{36}$

s = ☐

7) $\frac{81}{99} = \frac{4}{3}$

w = ☐

9) $\frac{m}{10} =$

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i) If n = 60, m = ☐

ii) If m = 12, n = ☐

10) $\frac{33}{a} = \frac{b}{12}$

i) If a = 132, b = ☐

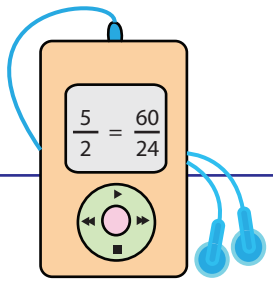
ii) If b = 11, a = ☐

Name : _____ Score : _____

Answer key

Equivalent Fractions

DS1



Find the value of a variable in each problem.

1) $\frac{20}{36} = \frac{5}{u}$

u = **9**

2) $\frac{2}{5} = \frac{24}{d}$

d = **60**

3) $\frac{k}{3} = \frac{e}{6}$

k = **1**

5) $\frac{60}{s} = \frac{72}{36}$

s = **4**

7) $\frac{81}{99} = \frac{4}{3}$

w = **69**

9) $\frac{m}{10} =$

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i) If n = 60, m = **1**

ii) If m = 12, n = **5**

10) $\frac{33}{a} = \frac{b}{12}$

i) If a = 132, b = **3**

ii) If b = 11, a = **36**