

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## EQUAL FRACTIONS: Worksheet 4

Find  $n$ .

1)  $\frac{2}{5} = \frac{n}{15}$

2)  $\frac{3}{7} = \frac{6}{n}$

3)  $\frac{3}{8} = \frac{n}{40}$

4)  $\frac{1}{6} = \frac{4}{n}$

Simplify each fraction to lowest terms.

5)  $\frac{6}{9}$

6)  $\frac{12}{30}$

7)  $\frac{15}{25}$

8)  $\frac{24}{27}$

9)  $\frac{9}{12}$

10)  $\frac{10}{18}$

KEY  
EQUAL FRACTIONS: Worksheet 4

Find  $n$ .

$$1) \quad \frac{2}{5} = \frac{n}{15}$$

$$\frac{2}{5} \times \frac{3}{3} = \frac{6}{15}$$

$$n = 6$$

$$2) \quad \frac{3}{7} = \frac{6}{n}$$

$$\frac{3}{7} \times \frac{2}{2} = \frac{6}{14}$$

$$n = 14$$

$$3) \quad \frac{3}{8} = \frac{n}{40}$$

$$\frac{3}{8} \times \frac{5}{5} = \frac{15}{40}$$

$$n = 15$$

$$4) \quad \frac{1}{6} = \frac{4}{n}$$

$$\frac{1}{6} \times \frac{4}{4} = \frac{4}{24}$$

$$n = 24$$

Simplify each fraction to lowest terms.

$$5) \quad \frac{6}{9}$$

$$\frac{6}{9} \div \frac{3}{3} = \frac{2}{3}$$

$$6) \quad \frac{12}{30}$$

$$\frac{12}{30} \div \frac{6}{6} = \frac{2}{5}$$

$$7) \quad \frac{15}{25}$$

$$\frac{15}{25} \div \frac{5}{5} = \frac{3}{5}$$

$$8) \quad \frac{24}{27}$$

$$\frac{24}{27} \div \frac{3}{3} = \frac{8}{9}$$

$$9) \quad \frac{9}{12}$$

$$\frac{9}{12} \div \frac{3}{3} = \frac{3}{4}$$

$$10) \quad \frac{10}{18}$$

$$\frac{10}{18} \div \frac{2}{2} = \frac{5}{9}$$