

NAME _____

DATE _____

EQUAL FRACTIONS: Worksheet 3

Find n .

1) $\frac{4}{9} = \frac{n}{36}$

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

3) $\frac{5}{8} = \frac{n}{32}$

4) $\frac{2}{11} = \frac{6}{n}$

Simplify each fraction to lowest terms.

5) $\frac{10}{30}$

6) $\frac{8}{22}$

7) $\frac{9}{30}$

8) $\frac{6}{24}$

9) $\frac{7}{28}$

10) $\frac{4}{50}$

KEY
EQUAL FRACTIONS: Worksheet 3

Find n .

$$1) \quad \frac{4}{9} = \frac{n}{36}$$

$$\frac{4}{9} \times \frac{4}{4} = \frac{16}{36}$$

$$n = 16$$

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

$$\frac{1}{2} \times \frac{5}{5} = \frac{5}{10}$$

$$n = 10$$

$$3) \quad \frac{5}{8} = \frac{n}{32}$$

$$\frac{5}{8} \times \frac{4}{4} = \frac{20}{32}$$

$$n = 20$$

$$4) \quad \frac{2}{11} = \frac{6}{n}$$

$$\frac{2}{11} \times \frac{3}{3} = \frac{6}{33}$$

$$n = 33$$

Simplify each fraction to lowest terms.

$$5) \quad \frac{10}{30}$$

$$\frac{10}{30} \div \frac{10}{10} = \frac{1}{3}$$

$$6) \quad \frac{8}{22}$$

$$\frac{8}{22} \div \frac{2}{2} = \frac{4}{11}$$

$$7) \quad \frac{9}{30}$$

$$\frac{9}{30} \div \frac{3}{3} = \frac{3}{10}$$

$$8) \quad \frac{6}{24}$$

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

$$9) \quad \frac{7}{28}$$

$$\frac{7}{28} \div \frac{7}{7} = \frac{1}{4}$$

$$10) \quad \frac{4}{50}$$

$$\frac{4}{50} \div \frac{2}{2} = \frac{2}{25}$$