

Name:

Date:

Dividing Fractions.

1) To divide fractions: $\frac{3}{5} \div \frac{2}{3}$

Turn the second fraction upside down, then multiply the two fractions: $\frac{3}{5} \times \frac{3}{2} = \frac{9}{10}$

2) To divide fractions and whole numbers: $\frac{6}{10} \div 3$

Write the whole number as a fraction $\frac{6}{10} \div \frac{3}{1}$ Use the same method $\frac{6}{10} \times \frac{1}{3} = \frac{6}{30} \xrightarrow{\div \text{ by } 6} \frac{1}{5}$

Your turn! Solve the following problems using these rules:

1) $\frac{3}{4} \div \frac{2}{3} =$

2) $\frac{2}{5} \div \frac{1}{4} =$

3) $\frac{1}{4} \div \frac{3}{5} =$

4) $\frac{3}{9} \div \frac{2}{3} =$

5) $\frac{5}{8} \div \frac{4}{6} =$

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

7) $\frac{3}{5} \div 3 =$

8) $\frac{4}{12} \div 4 =$

9) $\frac{6}{10} \div 5 =$

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$$\frac{9}{8} = 1\frac{1}{8}$$

$$\frac{3}{15} = \frac{1}{5}$$

$$\frac{8}{5} = 1\frac{3}{5}$$

$$\frac{4}{48} = \frac{1}{12}$$

$$\frac{5}{12}$$

$$\frac{6}{50}$$

$$\frac{9}{18} = \frac{1}{2}$$

$$\frac{30}{32} = \frac{15}{16}$$

$$\frac{45}{30} = \frac{3}{2} = 1\frac{1}{2}$$