

# Dividing Fractions

1)  $\frac{3}{7} \div \frac{2}{5}$

2)  $\frac{6}{8} \div \frac{4}{3}$

What is the reciprocal of  $\frac{2}{5}$ ? \_\_\_\_\_

The reciprocal of  $\frac{4}{3}$  is \_\_\_\_\_.

$\frac{3}{7} \div \frac{2}{5} = \frac{3}{7} \times$  The reciprocal of  $\frac{2}{5}$

$\frac{6}{8} \div \frac{4}{3} = \frac{6}{8} \times$  The reciprocal of  $\frac{4}{3}$

## Preview

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5) Check the equivalent multiplication sentence for  $\frac{2}{5} \div \frac{5}{7}$ .

a)  $\frac{2}{5} \times \frac{5}{7} = \frac{2}{7}$

b)  $\frac{2}{5} \times \frac{7}{5} = \frac{14}{25}$

6) Check the equivalent multiplication sentence for  $\frac{12}{10} \div \frac{6}{8}$ .

a)  $\frac{12}{10} \times \frac{8}{6} = \frac{8}{5}$

b)  $\frac{12}{10} \times \frac{6}{8} = \frac{9}{10}$