

Dividing Fractions

1) $\frac{6}{7} \div \frac{4}{3}$

2) $\frac{13}{2} \div \frac{9}{4}$

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

What is the reciprocal of $\frac{9}{4}$? _____

$\frac{6}{7} \div \frac{4}{3} = \frac{6}{7} \times$ The reciprocal of $\frac{4}{3}$

$\frac{13}{2} \div \frac{9}{4} = \frac{13}{2} \times$ The reciprocal of $\frac{9}{4}$

6

13

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5) Check the equivalent multiplication sentence for $\frac{3}{15} \div \frac{2}{10}$.

a) $\frac{3}{15} \times \frac{10}{2} = 1$

b) $\frac{3}{15} \times \frac{2}{10} = \frac{1}{25}$

6) Check the equivalent multiplication sentence for $\frac{5}{11} \div \frac{7}{11}$.

a) $\frac{5}{11} \times \frac{7}{11} = \frac{35}{121}$

b) $\frac{5}{11} \times \frac{11}{7} = \frac{5}{7}$