

To divide two fractions, follow these two simple steps:

- invert the divisor (swap the numerator and denominator of the second fraction) and change the division operator to a multiplication operator.
- multiply the two fractions together.

Example  $\frac{3}{4} \div \frac{2}{7} = \frac{3}{4} \times \frac{7}{2} = \frac{21}{8}$

The second fraction has been inverted.



Work out these fraction divisions. Your answer can be left as an improper fraction and does not need to be in simplest form.

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

3)  $\frac{1}{5} \div \frac{1}{3} = \frac{1}{5} \times \frac{3}{1} = \underline{\quad}$       4)  $\frac{2}{5} \div \frac{2}{3} = \frac{2}{5} \times \underline{\quad} = \underline{\quad}$

5)  $\frac{3}{8} \div \frac{2}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$       6)  $\frac{1}{7} \div \frac{4}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$