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.

The second fraction has been inverted.

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

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

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

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

3) $\quad \dfrac{1}{5} \div \dfrac{1}{3} = \dfrac{1}{5} \times \dfrac{3}{1} = \underline{\quad}$

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

5) $\quad \dfrac{3}{8} \div \dfrac{2}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

6) $\quad \dfrac{1}{7} \div \dfrac{4}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$