# Equivalent fractions

6 questions | 8 marks

Equivalent correct methods earn the corresponding marks.

**1.** Write the fraction shaded in the strip. [1 mark]




There are four equal parts and three are shaded.

**Answer:** $\frac{3}{4}$

**2.** Fill the missing numerator: $\frac{1}{3} = \frac{\square}{12}$. [1 mark]

The denominator is multiplied by 4, so multiply the numerator by 4.

**Answer:** 4

**3.** Rename $\frac{2}{5}$ in tenths. [1 mark]

Multiply both 2 and 5 by 2.

**Answer:** $\frac{4}{10}$

**4.** Write $\frac{4}{8}$ using halves. [1 mark]

Divide both numerator and denominator by 4.

**Answer:** $\frac{1}{2}$

**5.** Which is equivalent to $\frac{2}{3}$: $\frac{3}{6}$ or $\frac{4}{6}$? Explain. [2 marks]

Each third is two sixths, so two thirds are four sixths.

**Answer:** $\frac{4}{6}$

**6.** Mia colours $\frac{3}{4}$ of a strip. Leo colours $\frac{6}{8}$ of an equal-length strip. Who colours more? Explain. [2 marks]

$\frac{3}{4} = \frac{6}{8}$; the wholes have the same length.

**Answer:** They colour equal lengths.