



Eleven Plus Maths How To Do - A Mixed Number

$6 \frac{1}{4}$ This is a mixed number.

This mixed number is made up of two parts, a whole number 6 and a fraction $\frac{1}{4}$

Mixed numbers can be added to other fractions (mixed numbers or vulgar fractions). They can be subtracted.

$$5 \frac{1}{3} + \frac{25}{6}$$

$$5 \frac{1}{3} - \frac{25}{6}$$

You can add and subtract in one operation

$$5 \frac{1}{3} - \frac{25}{6} + \frac{7}{12}$$

You can not multiply two mixed numbers nor can you divide two mixed numbers. Before you can multiply or divide you must change the mixed numbers in to improper fractions.

$$5 \frac{1}{3} \times \frac{14}{5}$$

$$= \frac{16}{3} \times \frac{9}{5}$$

$$= \frac{48}{5}$$

$$= 9 \frac{3}{5}$$