



Challenge



9 is $\frac{3}{4}$ of 12.

Is Osaru right?

Prove it by drawing a picture or diagram.

Find other pairs of whole numbers where one number is $\frac{3}{4}$ of the other.

What do you notice about the pairs of numbers?

Think about ...

What patterns do you notice in the numbers?
Can you use this to help you find other pairs of numbers?



How does your knowledge of multiples help you?

What if?

Find pairs of numbers where one number is $\frac{2}{3}$ of the other.

What about where one number is $\frac{3}{5}$ of the other?

What about $\frac{4}{5}$?

What about $\frac{7}{10}$?

When you've finished, turn to page 80.

