Fractions of numbers

Challenge

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 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.