1.

Jack has a bottle of lemonade.
He has one-fifth left in the bottle.
There are 150 ml left.
How much lemonade was in the bottle when it was full? 750ml

2.

The school kitchen needs to buy carrots for lunch.
A large bag has 200 carrots and a medium bag has $\frac{3}{5}$ of a large bag.
Mrs Rose says,

> I need 150 carrots so I will have to buy a large bag.

Is Mrs Rose correct?
Explain your reasoning.

Mrs Rose is correct.
$\frac{3}{5}$ of 200 = 120
Mrs Rose will need a large bag.

3.

These three squares are $\frac{1}{4}$ of a whole shape.

How many different shapes can you draw that could be the complete shape?
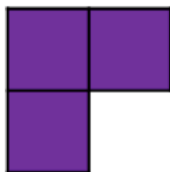
Lots of different possibilities. The shape should have 12 squares in total.

4.

If $\frac{1}{8}$ of A = 12, find the value of A, B and C.

$$\frac{5}{8} \text{ of A} = \frac{3}{4} \text{ of B} = \frac{1}{6} \text{ of C}$$

A = 96
B = 80
C = 360