Brain Warmer

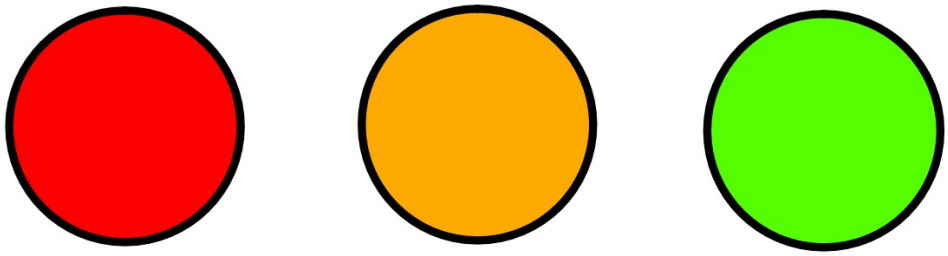
Count in 2's

Count in 5's

Count in 10's from any number

Count in 3's

Lesson 2



I can solve a problem using fractions of capacity.

Esio Trot

Mr Hoppy is having trouble feeding the tortoises.

Can you help him work out how much water the tortoises are drinking?

This jug holds 12 litres of water.

Tortoise number one drank half of the water from this jug. How much did he drink?

½ of 12 litres

Can you show where half would be?

How could you work out 1/2 of 12?

Bar model share 12 into 2 parts
Counting patterns in 2s
Division - multiplication inverse 12---2=? ___ x2 =12

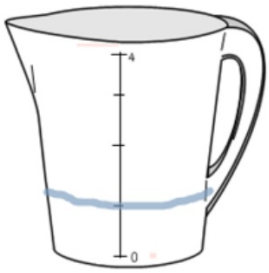
This jug holds 12 litres. Tortoise number 2 drank 3/4 of the water. How much is left?

How much is $\frac{3}{4}$ of 12?

How could you work out 1/4 then 3/4 of 12?

Bar model - 12 shared into 4s
Counting patterns of 4s
Division - multiplication inverse **12--- 4 ___ x 4=12**

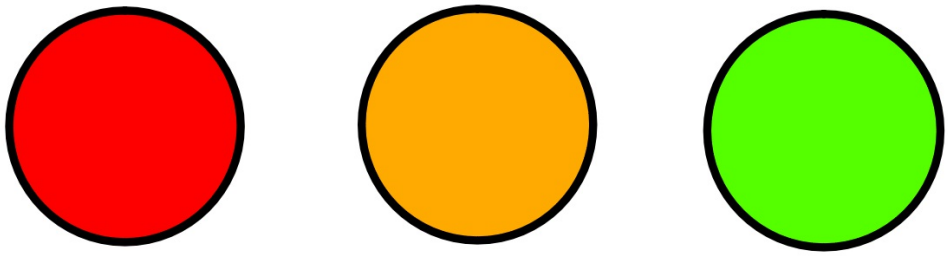
Your turn...
Use the worksheet to find out how much water was drunk from each container?

Tortoise number 6 drank half of this jug. How much is left? ½ of 10 litres 	Tortoise number 7 drank three quarters of this 4 litre jug. How much is left? ¼ of 4 litres 
This jug has 1/5 of the water left in it. What is one fifth of ten litres? 1/5 of 10 litres 	Tortoise number 8 drank half of the water from this jug. How much did it drink? What is half of twenty litres? ½ of 20 litres

How could you work it out?

Bar model
Counting patterns
Division - multiplication inverse

Lesson 5



I can solve a problem using fractions of capacity.