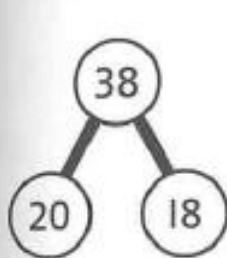


# Dividing a 2-digit number by a 1-digit number 2

1 Lexi has 38 cakes.

She shares them between herself and her friend.

How many cakes do they each get?



$$20 \div 2 = \square$$

$$18 \div 2 = \square$$

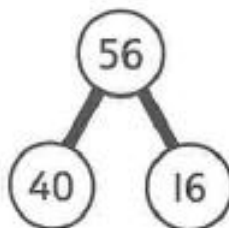
$$\square + \square = \square$$

$$\text{So, } 38 \div 2 = \square$$

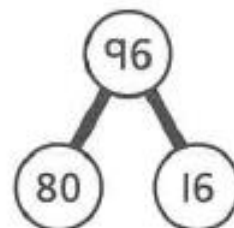
They each get  cakes.

2 Work out the following calculations.

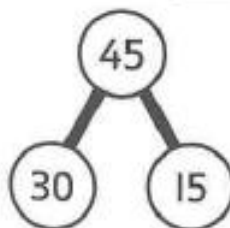
a)  $56 \div 4 = \square$



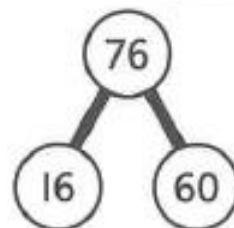
c)  $96 \div 4 = \square$



b)  $45 \div 3 = \square$

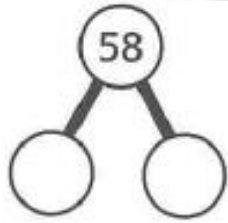


d)  $76 \div 2 = \square$

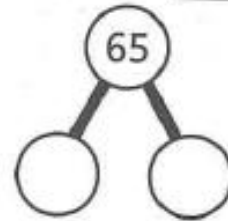


3 Partition each number to help you to work out the division.

a)  $58 \div 2 = \square$



b)  $65 \div 5 = \square$



4 Find answers to the following calculations.

a)  $48 \div 3 = \square$

c)  $91 \div 7 = \square$

b)  $92 \div 4 = \square$

d)  $85 \div 5 = \square$

5 Tilly has 75 bulbs. She plants 3 bulbs in each plant pot.

How many plant pots does she need?

Tilly needs  plant pots.

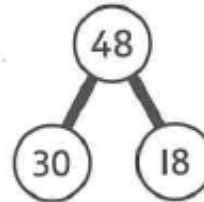
- 6 Which is greater,  
 $54 \div 3$  or  $95 \div 5$ ?

Show all your working.



- 7 What divisions could this part-whole model help you to work out?

Find three possible divisions.



**CHALLENGE**



$$\square \div \square = \square$$

$$\square \div \square = \square$$

$$\square \div \square = \square$$

## Reflect

Does this partition help you to work out  $57 \div 3$ ?

What would be a better way to partition 57 to help you?

