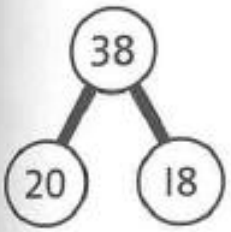
Dividing a 2-digit number by a 1-digit number 2

1 Lexi has 38 cakes.

She shares them between herself and her friend.

How many cakes do they each get?



20 ÷ 2 = ☐

18 ÷ 2 = ☐

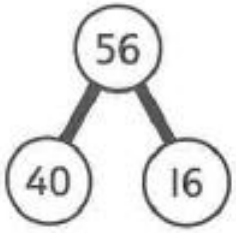
☐ + ☐ = ☐

So, 38 ÷ 2 = ☐

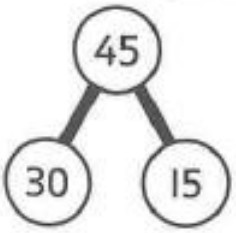
They each get ☐ cakes.

2 Work out the following calculations.

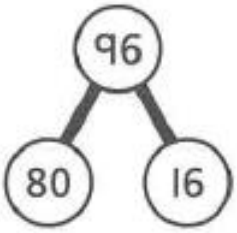
a) 56 ÷ 4 = ☐



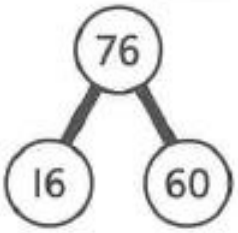
b) 45 ÷ 3 = ☐



c) 96 ÷ 4 = ☐

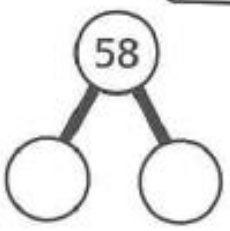


d) 76 ÷ 2 = ☐

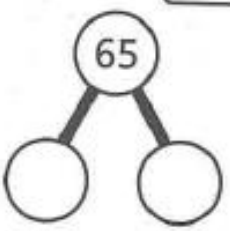


3 Partition each number to help you to work out the division.

a) $58 \div 2 =$ ☐



b) $65 \div 5 =$ ☐



4 Find answers to the following calculations.

a) $48 \div 3 =$ ☐

c) $91 \div 7 =$ ☐

b) $92 \div 4 =$ ☐

d) $85 \div 5 =$ ☐

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

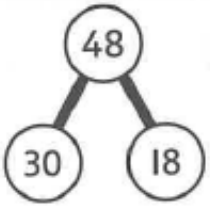
How many plant pots does she need?

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?



CHALLENGE

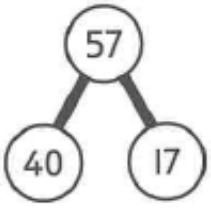
Find three possible divisions.

$\square \div \square = \square$

$\square \div \square = \square$

$\square \div \square = \square$

Reflect



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

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