

Divide a 2-digit number by a 1-digit number – flexible partitioning

1 Rosie has 56 pencils.

a) Draw base 10 to show the pencils.

Rosie shares the 56 pencils equally between 4 pots.

b) Draw base 10 on the place value chart to share the pencils.

Tens	Ones

c) How many pencils are there in each pot?

d) Did you have to make an exchange?

2 Eva has this money.



She wants to share the money equally between 3 people.

a) Use the place value chart to show how Eva can share the money.

Tens	Ones

b) How much money does each person get? £

3 Divide 72 by 3

Use the place value counters to help you.



Tens	Ones

$72 \div 3 =$



4 Use base 10 or counters to work out the divisions.

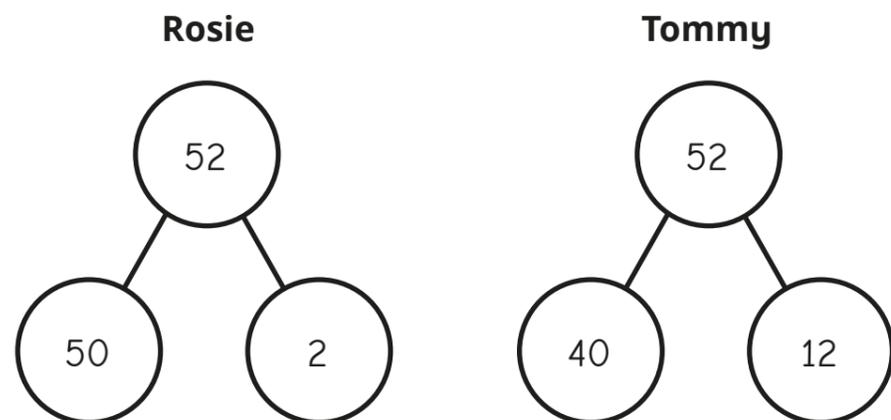
a) $45 \div 3 =$

b) $57 \div 3 =$

c) $92 \div 4 =$

5 Rosie and Tommy are working out $52 \div 4$

They both use a part-whole model.



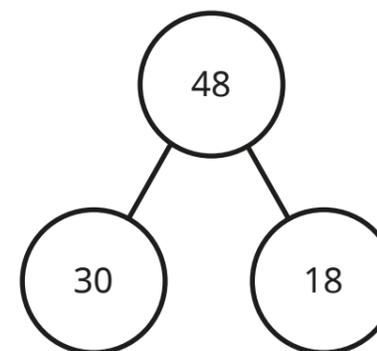
a) Whose part-whole model will help them with the division?

How do you know?

b) Use a part-whole model to work out $52 \div 4$

6 Use part-whole models to complete the divisions.

a) $48 \div 3 =$

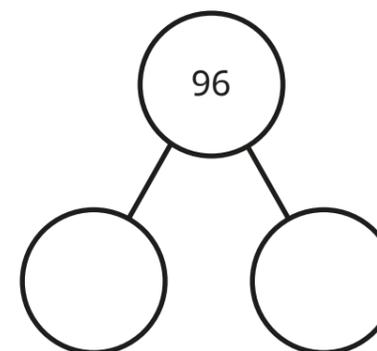


$30 \div 3 =$

$18 \div 3 =$

$48 \div 3 =$

b) $96 \div 4 =$



c) $65 \div 5 =$

7 Here are three divisions.

$96 \div 8$

$96 \div 4$

$96 \div 2$

a) What is the same about the divisions? What is different?

b) Complete the divisions.

$96 \div 8 =$

$96 \div 4 =$

$96 \div 2 =$

What do you notice? Talk about it with a partner.

