

# Lesson 9: Monday 18th Jan

## Divide 2 digits by 1 digit

Spring Term: Block 1

1 Rosie has 56 pencils.

a) Draw base 10 to represent the pencils.

Rosie shares the 56 pencils equally between 4 pots.

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

Tens	Ones

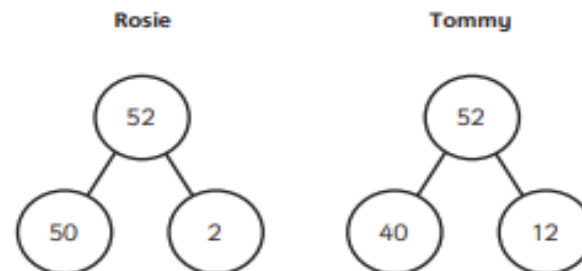
c) How many pencils are in each pot?

d) Did you have to make an exchange?

2

1 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  $52 \div 4$

### Challenge:

1 Here are 3 divisions.

$96 \div 8$

$96 \div 4$

$96 \div 2$

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

b) Complete the divisions.

$96 \div 8 = \text{□}$

$96 \div 4 = \text{□}$

$96 \div 2 = \text{□}$

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

## Answers – Purple Pen Only!

1 Rosie has 56 pencils.

a) Draw base 10 to represent the pencils.



Rosie shares the 56 pencils equally between 4 pots.

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

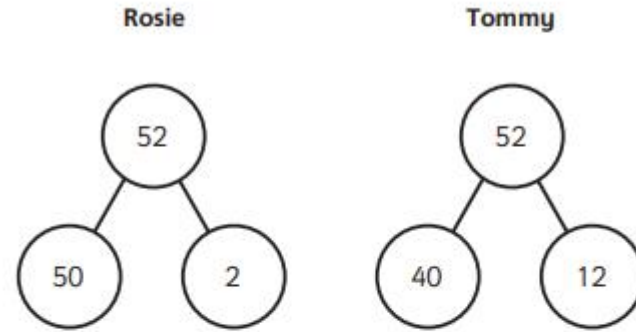
Tens	Ones
	. . . .
	. . . .
	. . . .
	. . . .

c) How many pencils are in each pot?

14

d) Did you have to make an exchange?

2 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?

Tommy

How do you know?

40 and 12 are both divisible by 4

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

13

### Challenge:

Here are 3 divisions.

$96 \div 8$

$96 \div 4$

$96 \div 2$

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

b) Complete the divisions.

$96 \div 8 =$  12

$96 \div 4 =$  24

$96 \div 2 =$  48

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