

LI: Can I divide 2-digits by 1-digit (no regrouping)?

Please watch the following  
teaching video (you will need  
sound):

<https://vimeo.com/489844871>

- 1 There are 84 pencils to be shared equally into 4 pots.



- a) Draw the pencils on a place value chart to show how they are shared.



- b) Complete the number sentences.

$$8 \text{ tens} \div 4 = \square \text{ tens}$$

$$4 \text{ ones} \div 4 = \square \text{ one}$$

$$84 \div 4 = \square$$

- c) How many pencils are in each pot?

- 2 Use a place value chart to work out the calculations.



a)  $39 \div 3$

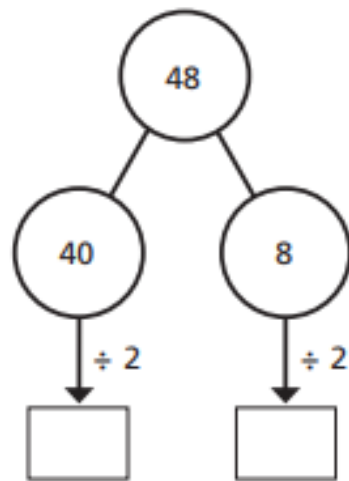
b)  $68 \div 2$

- 3 Amir solves  $48 \div 2$  on a place value chart.



Tens	Ones

Complete the part-whole model to show what Amir has done

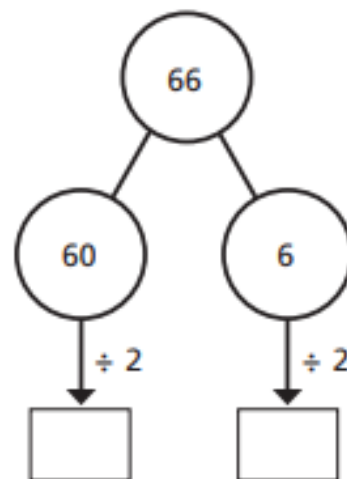
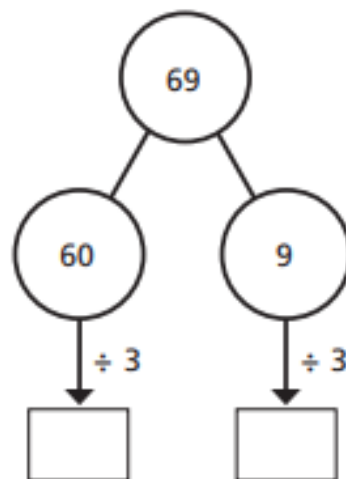


$$48 \div 2 = \square$$

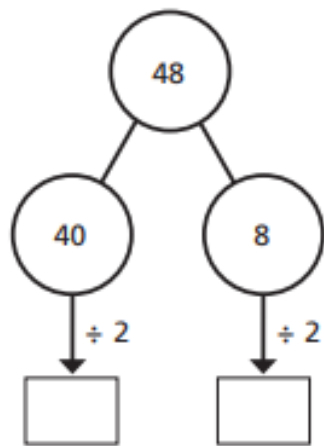
- 4 Work out the divisions.

a)  $69 \div 3 = \square$

b)  $66 \div 2 = \square$



Complete the part-whole model to show what Amir has done.

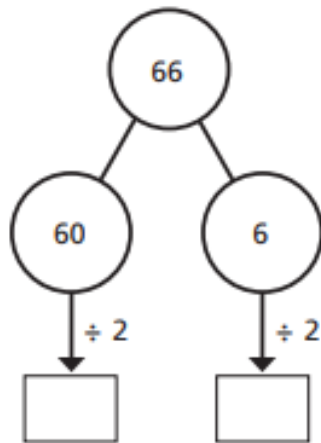
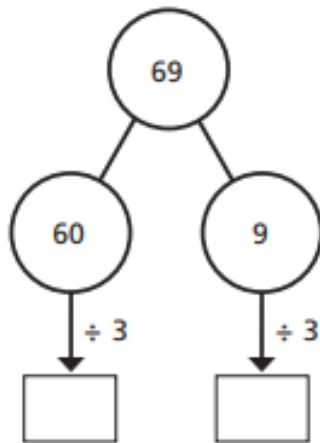


$$48 \div 2 = \square$$

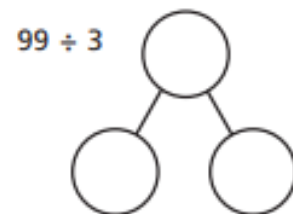
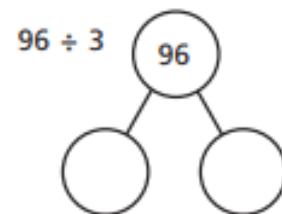
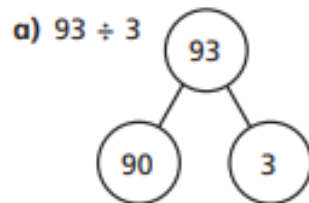
4 Work out the divisions.

a)  $69 \div 3 = \square$

b)  $66 \div 2 = \square$



5 Work out the divisions.



b)  $82 \div 2$     $84 \div 2$     $86 \div 2$

What do you notice?

6



88 can be divided equally by 2 and by 4

Do you agree with Annie?

Explain why.

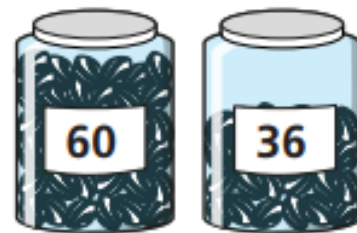
Can Annie divide 88 equally by any other 1-digit numbers?

7 Esther has 2 jars of mints.

Esther shares the mints equally between 3 bowls.

How many mints are in each bowl?

How many different ways can you work out the answer?



The following slides have  
the answers that you can  
check your work.

## Divide 2-digits by 1-digit (1)

- 1 There are 84 pencils to be shared equally into 4 pots.



- a) Draw the pencils on the place value chart to show how they are shared.

Tens	Ones
10 10	1
10 10	1
10 10	1
10 10	1

- b) Complete the number sentences.

$$8 \text{ tens} \div 4 = 2 \text{ tens}$$

$$4 \text{ ones} \div 4 = 1 \text{ one}$$

$$84 \div 4 = 21$$

- c) How many pencils are in each pot?

21

- 2 Use a place value chart to work out the calculations.

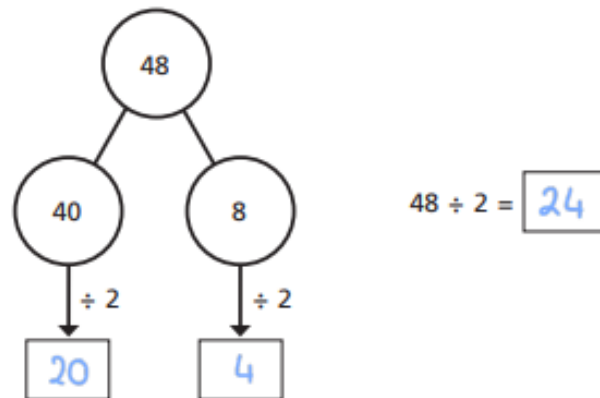
a)  $39 \div 3 = 13$

b)  $68 \div 2 = 34$

- 3 Amir solves  $48 \div 2$  on a place value chart.

Tens	Ones
10 10	1 1 1 1
10 10	1 1 1 1

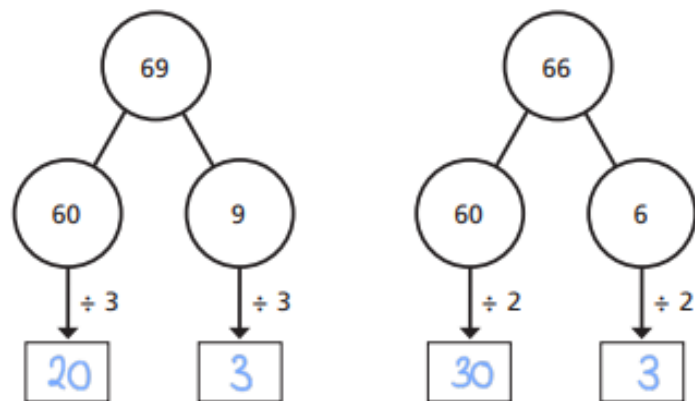
Complete the part-whole model to show what Amir has done.



- 4 Work out the divisions.

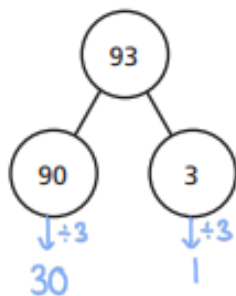
a)  $69 \div 3 = 23$

b)  $66 \div 2 = 33$



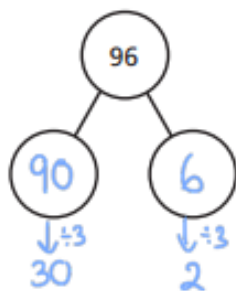
5 Work out the divisions.

a)  $93 \div 3 = \boxed{31}$



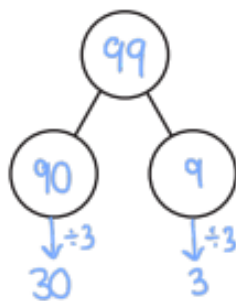
b)  $82 \div 2 = \boxed{41}$

$96 \div 3 = \boxed{32}$



$84 \div 2 = \boxed{42}$

$99 \div 3 = \boxed{33}$



$86 \div 2 = \boxed{43}$

What do you notice?



6



88 can be divided equally by 2 and by 4

Do you agree with Annie? Yes

Explain why.

$88 \div 2 = 44$

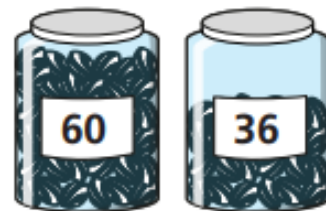
$88 \div 4 = 22$

Can Annie divide 88 equally by any other 1-digit numbers?

7 Esther has 2 jars of mints.

Esther shares the mints equally between 3 bowls.

How many mints are in each bowl?



There are  $\boxed{32}$  mints in each bowl.

How many different ways can you work out the answer?

