

05/05/2020

LO: To divide a 2 digit number
by a 1 digit number.

Problem of the day!



Dexter slept in his favourite position in the sun for 25 minutes on Monday, 19 minutes on Wednesday and 13 minutes on Friday. How long did he sleep there for altogether?

Let's
Recap

What do you know about division?

What happens to the
values when you divide?

They get smaller!!

Let's
Recap

What do you know about diivision?

Where does the
biggest number go?

$$\textcircled{6} \div 2 = 3$$

At the beginning!

Let's
Recap

What do you know about division?

Can division be done in any order?

$$8 \div 4 = 2$$

$$4 \div 8 = 2$$

No!

Let's
Recap

What do you know about division?

What happens to the numbers when you divide by (or) a multiple of 10?

$$30 \div 3 = 10$$

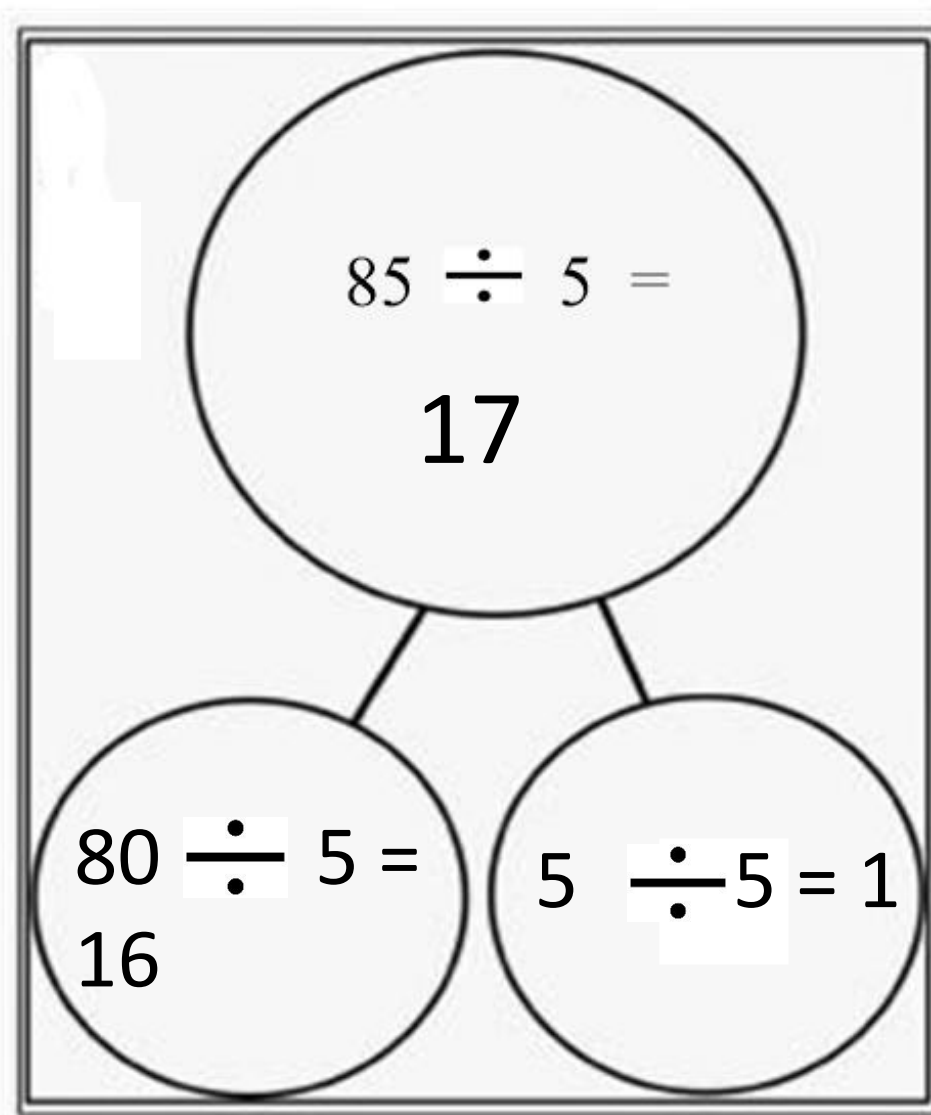
$$40 \div 4 = 10$$

$$270 \div 10 = 27$$

$$140 \div 10 = 14$$

Use the part part whole model to solve this calculation....

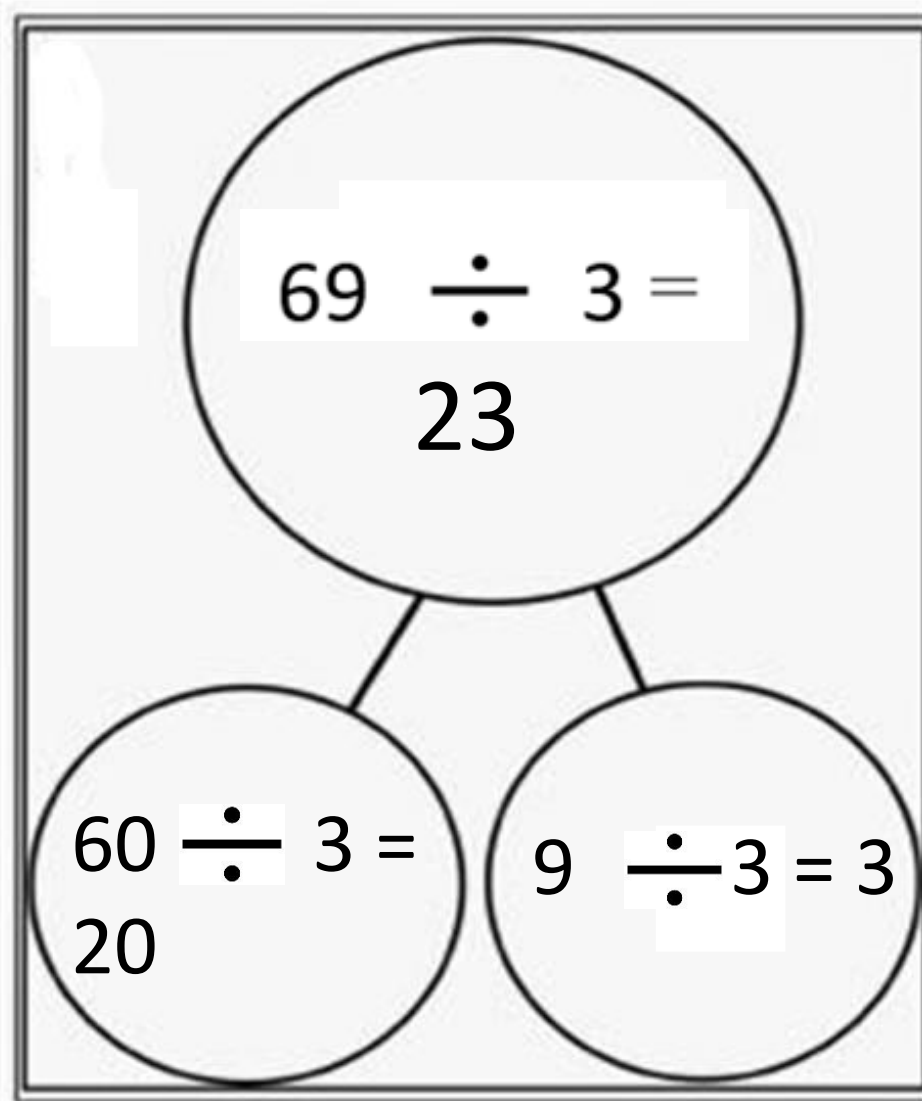
$$85 \div 5 =$$





Use the part part whole model to solve this calculation....

$$69 \div 3 =$$



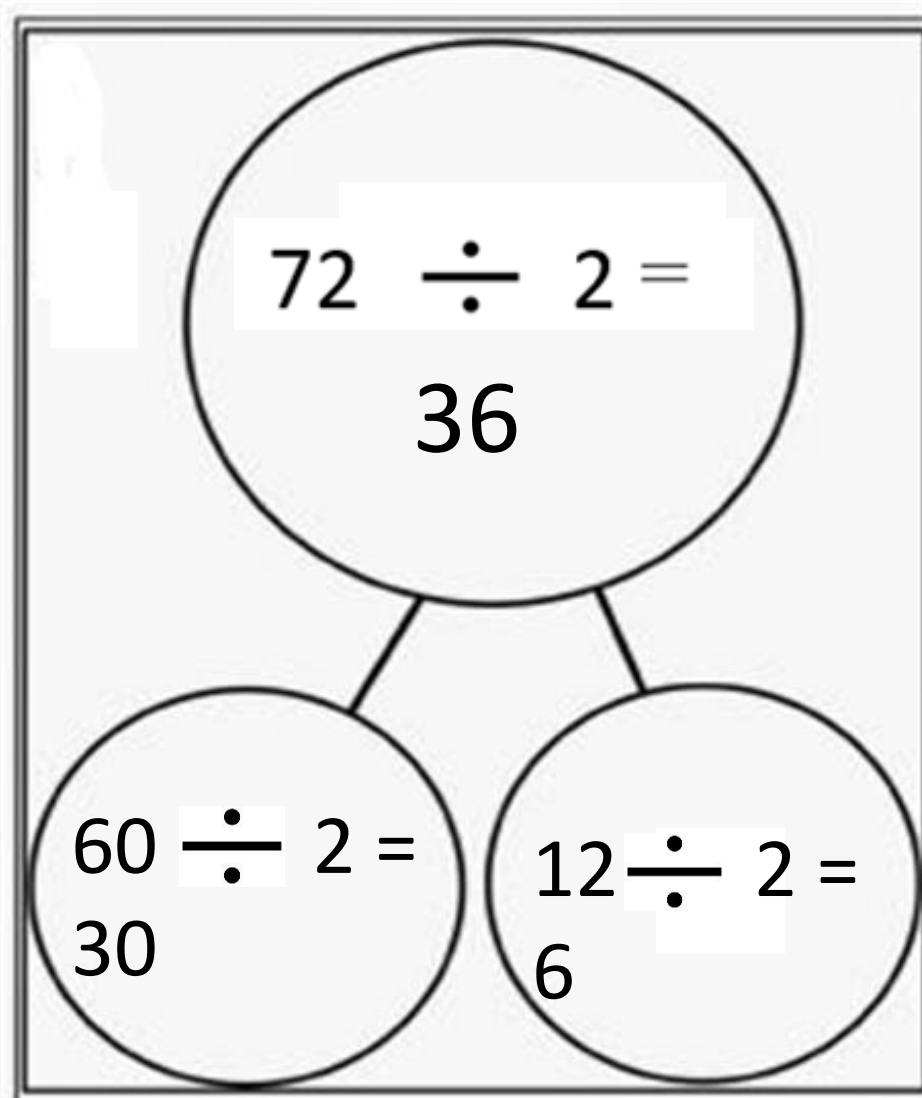
**Let's Check
Your Answers!**





Use the part part whole model to solve this calculation....

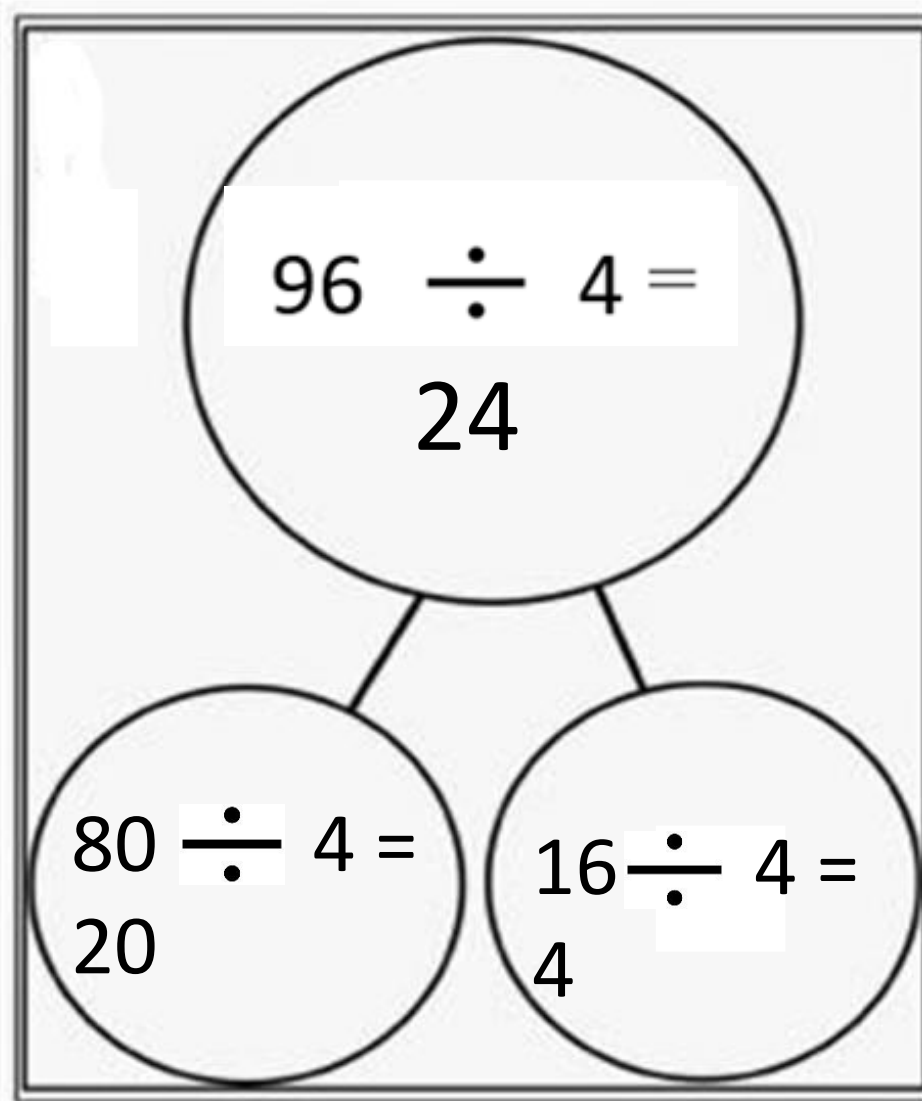
$$72 \div 2 =$$





Use the part part whole model to solve this calculation....

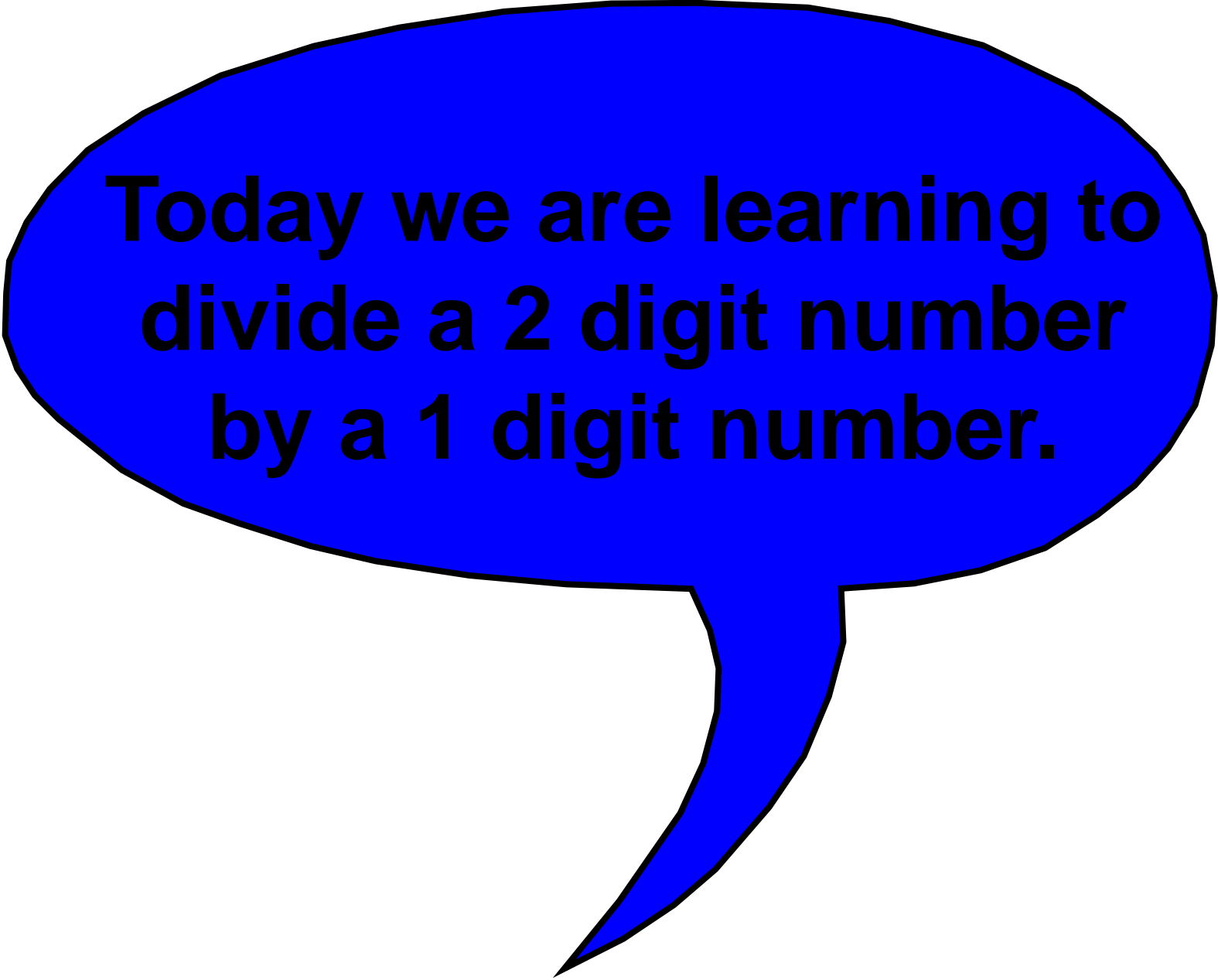
$$96 \div 4 =$$



**Let's Check
Your Answers!**



Miss says.....



**Today we are learning to
divide a 2 digit number
by a 1 digit number.**

What will my success criteria look like?



I can read a problem

I can identify the key information needed to solve the problem

I can decide what strategy I need to use to solve the problem

I can solve the problem and check my answer



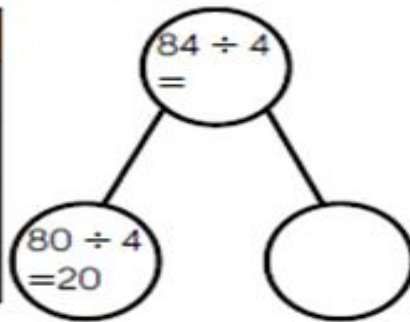
Jack is dividing 84 by 4 using place value counters.



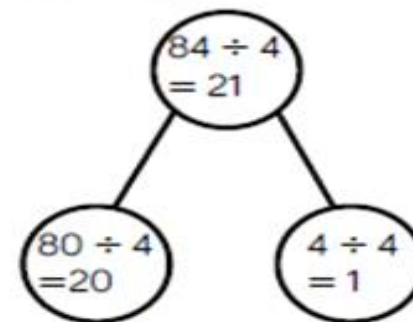
First, he divides the tens.

Then, he divides the ones.

Tens	Ones
10	
10	
10	
10	



Tens	Ones
10	1
10	1
10	1
10	1



Use Jack's method to calculate:

$69 \div 3$

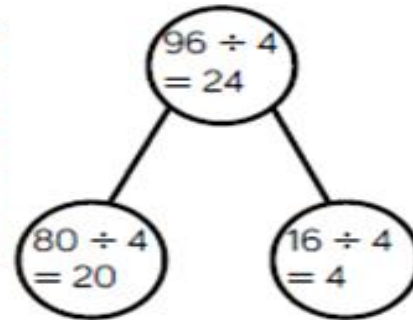
$88 \div 4$

$96 \div 3$

Rosie is calculating 96 divided by 4 using place value counters.

First, she divides the tens. She has one ten remaining so she exchanges one ten for ten ones. Then, she divides the ones.

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



Use Rosie's method to solve

$$65 \div 5$$

$$75 \div 5$$

$$84 \div 6$$

Dora is calculating $72 \div 3$

Before she starts, she says the calculation will involve an exchange.

Do you agree?

Explain why.

Use $<$, $>$ or $=$ to complete the statements.

$69 \div 3 \bigcirc 96 \div 3$

$96 \div 4 \bigcirc 96 \div 3$

$91 \div 7 \bigcirc 84 \div 6$

Eva has 96 sweets.

She shares them into equal groups.

She has no sweets left over.

How many groups could Eva have shared her sweets into?

When you have completed your work
look at the next pages to check your
answers.



ANSWER

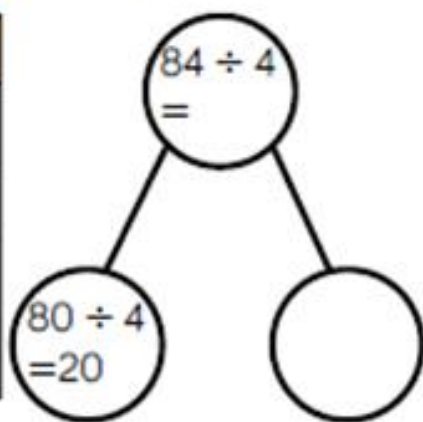
Jack is dividing 84 by 4 using place value counters.



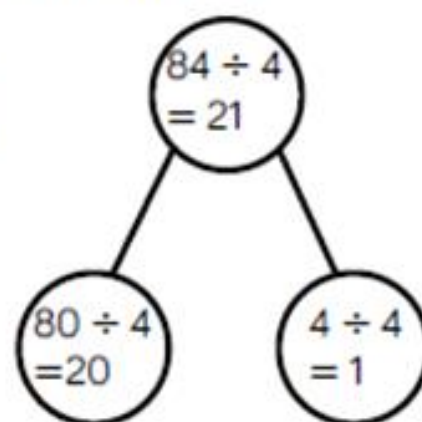
First, he divides the tens.

Then, he divides the ones.

Tens	Ones
10	
10	
10	
10	



Tens	Ones
10	1
10	1
10	1
10	1

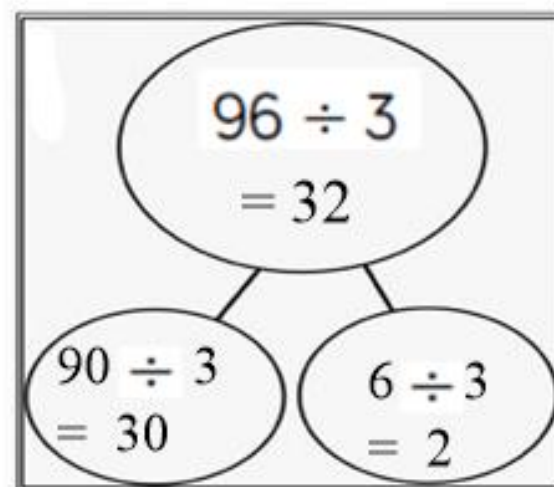
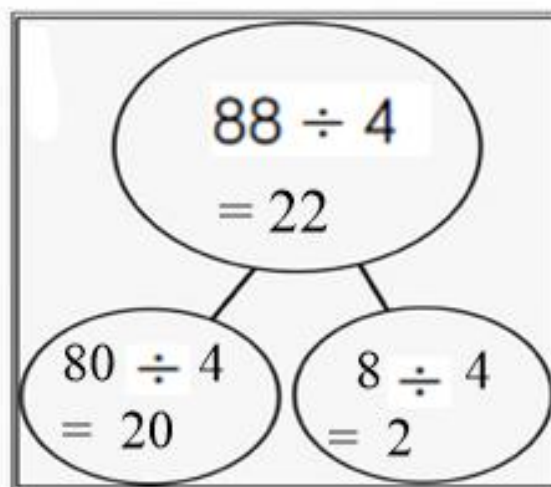
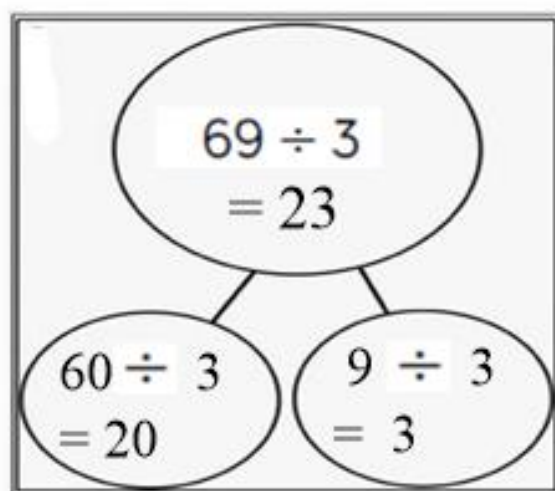


Use Jack's method to calculate:

$$69 \div 3$$

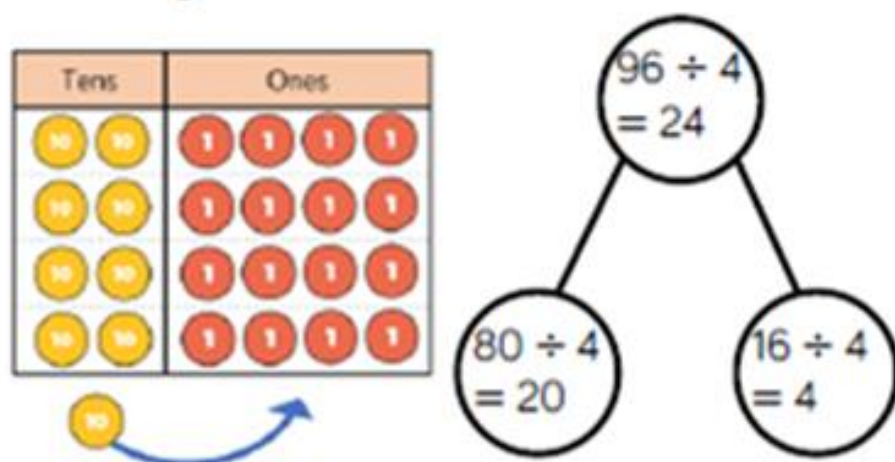
$$88 \div 4$$

$$96 \div 3$$

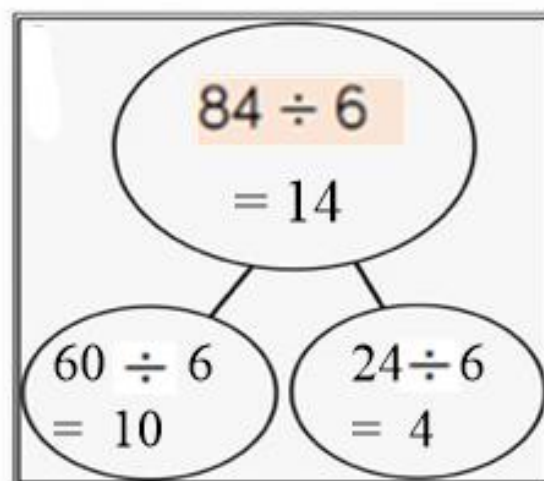
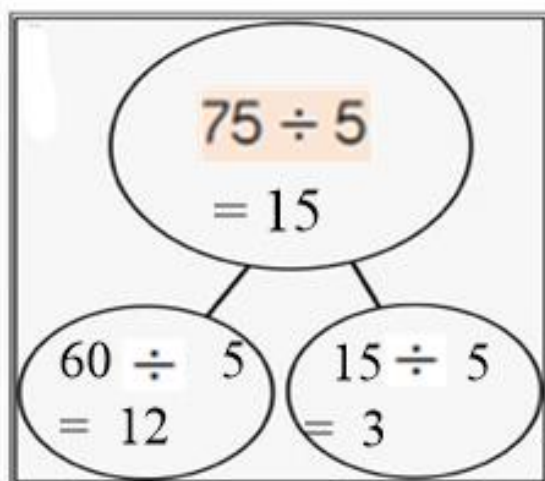
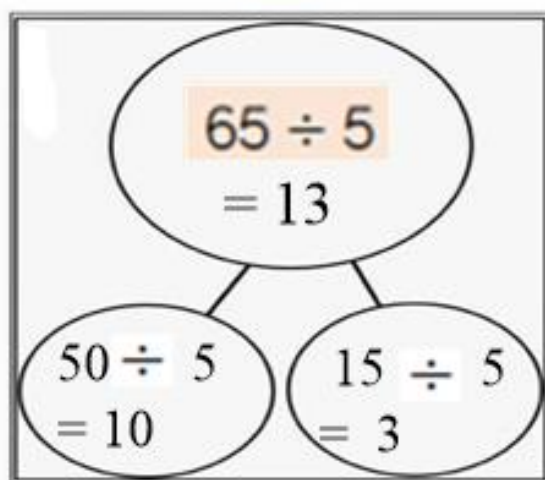


ANSWER

Rosie is calculating $96 \div 4$ using place value counters. First, she divides the tens. She has one ten remaining so she exchanges one ten for ten ones. Then, she divides the ones.



Use Rosie's method
to solve
 $65 \div 5$
 $75 \div 5$
 $84 \div 6$



ANSWER

Dora is calculating $72 \div 3$
Before she starts, she says the calculation will involve an exchange.

Do you agree?
Explain why.

Dora is correct because 70 is not a multiple of 3 so when you divide 7 tens between 3 groups there will be one remaining which will be exchanged.

Use $<$, $>$ or $=$ to complete the statements.

$69 \div 3$ $96 \div 3$

$96 \div 4$ $96 \div 3$

$91 \div 7$ $84 \div 6$

$<$

$<$

$<$

Eva has 96 sweets.
She shares them into equal groups.
She has no sweets left over.
How many groups could Eva have shared her sweets into?

Possible answers

$96 \div 1 = 96$

$96 \div 2 = 48$

$96 \div 3 = 32$

$96 \div 4 = 24$

$96 \div 6 = 16$

$96 \div 8 = 12$

Plenary



I can do this!

Check your work!!



I'm getting there.

Did you meet the learning objective?



I need help!

Self assess- How did you find the work today?