

Year 4 Maths

Division **answers**

Patterns and Connections

$$4 \times 10 = 40$$

$$3 \times 10 = 30$$

$$10 \times 2 = 20$$

$$6 \times 10 = 60$$

$$10 \times 5 = 50$$

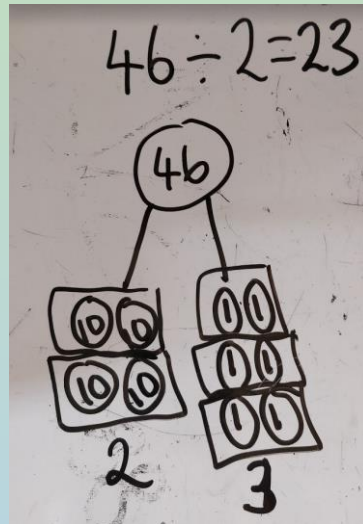
$$8 \times 10 = 80$$

$$10 \times 1 = 10$$

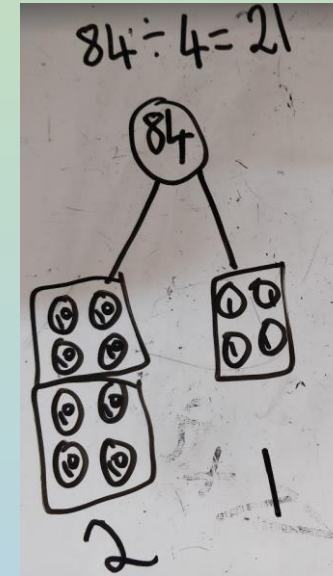
$$10 \times 7 = 70$$

Have a go at working these out:

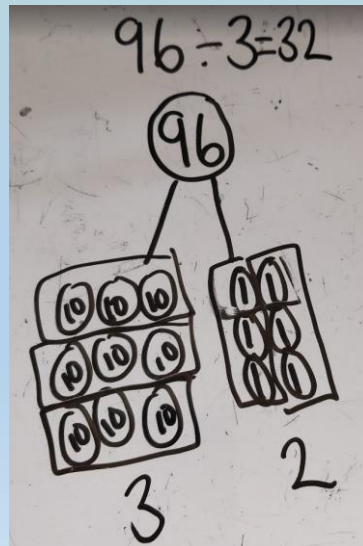
$$46 \div 2 = 23$$



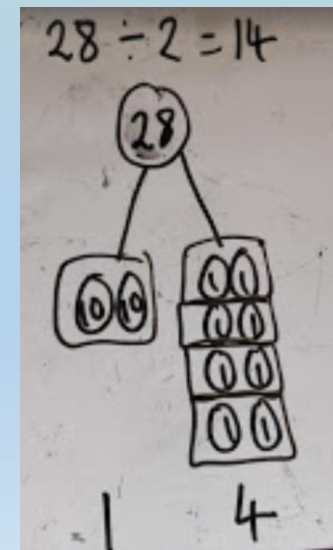
$$84 \div 4 = 21$$



$$96 \div 3 = 32$$

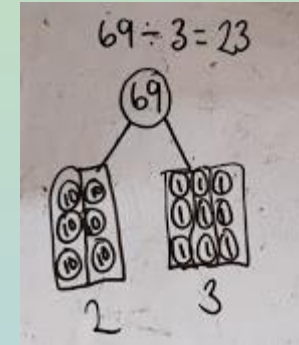


$$28 \div 2 = 14$$

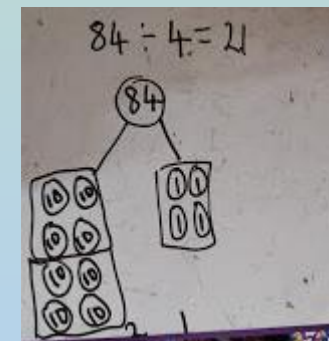


If you would like more practice, try these using the same strategy:

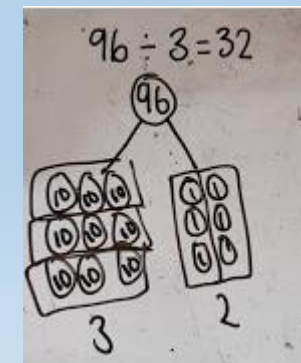
Miss Lucas baked 69 cookies. Three people ate all of the cookies. How many did each person eat? **23**



Dan won £84. He shared it between four friends. How much did each friend get? **£21**



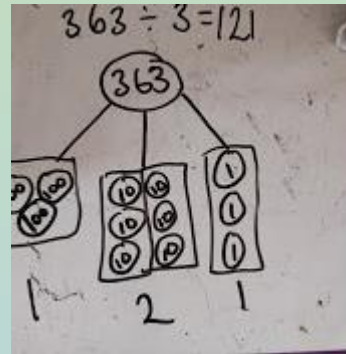
Lucy has a strip of material 96cm long. She uses it to make three ribbons. How long is each ribbon? **32cm**



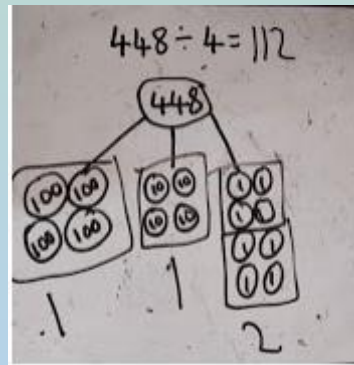
The same but with 3-digit numbers:

Now try these:

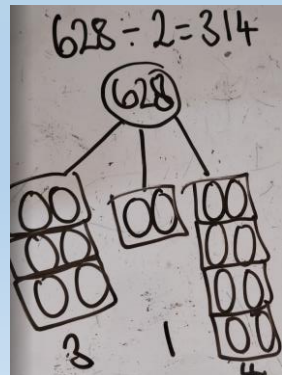
$$363 \div 3 = 121$$



$$448 \div 4 = 112$$



$$628 \div 2 = 314$$



Patterns and Connections

$$4 \times 100 = 400$$

$$3 \times 100 = 300$$

$$100 \times 2 = 200$$

$$6 \times 100 = 600$$

$$100 \times 5 = 500$$

$$8 \times 100 = 800$$

$$100 \times 1 = 100$$

$$100 \times 7 = 700$$

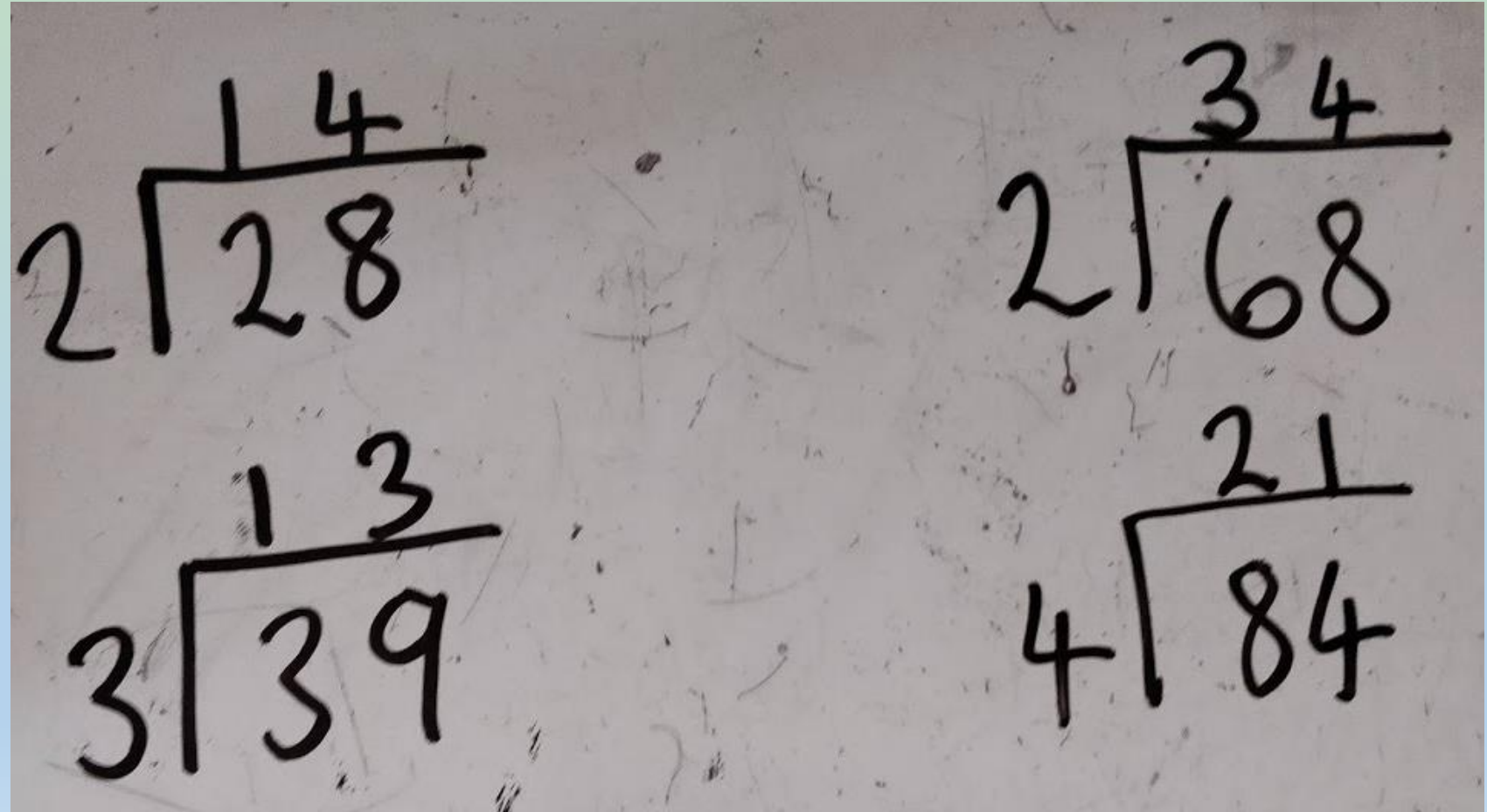
You have a go! Remember, when using the bus stop method we need to start with the largest value first.

$$28 \div 2 = 14$$

$$39 \div 3 = 13$$

$$68 \div 2 = 34$$

$$84 \div 4 = 21$$



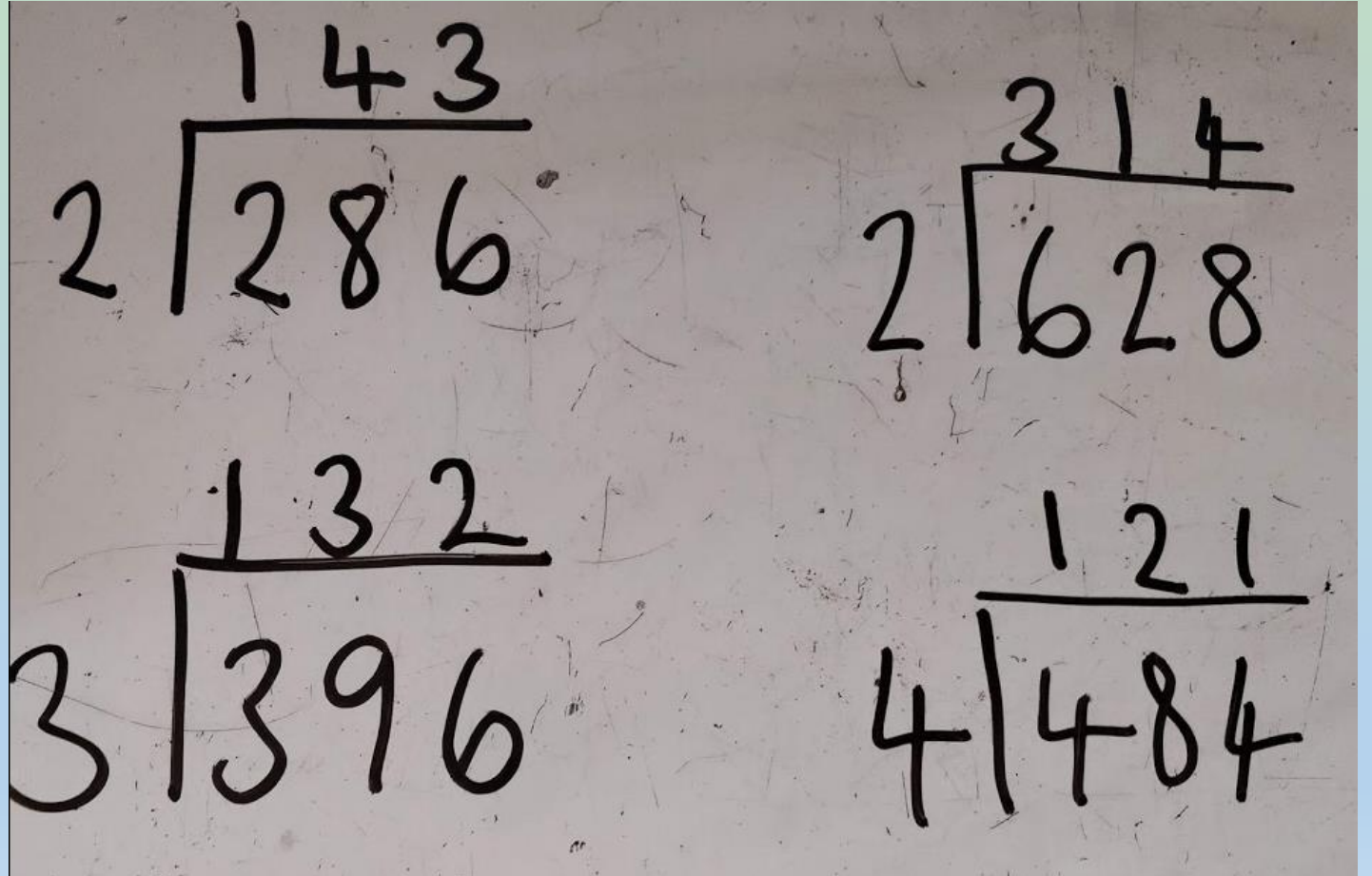
You have a go! Remember, when using the bus stop method we need to start with the largest value first.

$$286 \div 2 = 143$$

$$396 \div 3 = 132$$

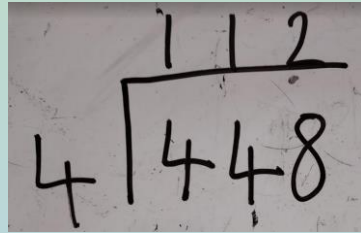
$$628 \div 2 = 314$$

$$484 \div 4 = 121$$



If you would like to do extra, try these:

Mrs Claydon-Bell sharpens 448 coloured pencils. She shares them between 4 tables. How many pencils does each table get?


$$\begin{array}{r} 112 \\ 4 \overline{) 448} \end{array}$$

Macey is working out $72 \div 3$.

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

Macey is correct because 70 is not a multiple of 3 and if you try to share 7 tens between three you cannot do it equally. This is when she will need an exchange.

Do you agree?
Explain why.

You have 12 counters and the place value grid.

H	T	O



- Create a 3 digit number divisible by 2
- Create a 3 digit number divisible by 3
- Create a 3 digit number divisible by 4

Divisible by 2: any even number created.

Divisible by 3: 336, 363, 633

Divisible by 4: 408, 804, 480, 840