

Division by Sharing

Use a pencil to share these tasty goodies equally between different numbers of people.

e.g. Share between 3



How many does each person get?

① 2 3 4

What does the calculation look like?

$3 \div 3 = ①$

a. Share between 2



2 3 4 5

$8 \div 2 =$

b. Share between 4



2 3 4 5

$12 \div 4 =$

c. Share between 3



2 3 4 5

$12 \div 3 =$

d. Share between 5



2 3 4 5

$10 \div 5 =$

e. Share between 2



2 3 4 5

$10 \div 2 =$

f. Share between 4

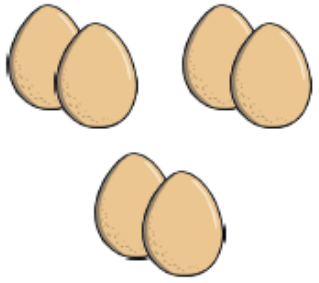


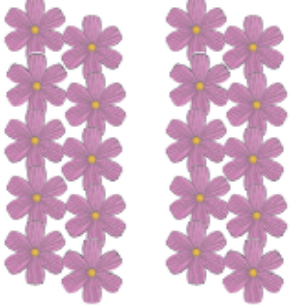


2 3 4 5

$16 \div 4 =$

Tuesday – Maths Division

Use the spring pictures to complete the sentences and the calculations.

	<p>There are <input type="text"/> altogether.</p> <p>There are <input type="text"/> groups.</p> <p>There are <input type="text"/> in each group.</p>	$\bigcirc \div \bigcirc = \bigcirc$ $\bigcirc \times \bigcirc = \bigcirc$
	<p>There are <input type="text"/> altogether.</p> <p>There are <input type="text"/> groups.</p> <p>There are <input type="text"/> in each group.</p>	$\bigcirc \div \bigcirc = \bigcirc$ $\bigcirc \times \bigcirc = \bigcirc$
	<p>There are <input type="text"/> altogether.</p> <p>There are <input type="text"/> groups.</p> <p>There are <input type="text"/> in each group.</p>	$\bigcirc \div \bigcirc = \bigcirc$ $\bigcirc \times \bigcirc = \bigcirc$
	<p>There are <input type="text"/> altogether.</p> <p>There are <input type="text"/> groups.</p> <p>There are <input type="text"/> in each group.</p>	$\bigcirc \div \bigcirc = \bigcirc$ $\bigcirc \times \bigcirc = \bigcirc$

A	B	C	D
$8 \div 2$	$22 \div 2$	$12 \div 2$	$14 \div 2$
$20 \div 2$	$2 \div 2$	$6 \div 2$	$4 \div 2$
$16 \div 2$	$10 \div 2$	$20 \div 2$	$12 \div 2$
$2 \div 2$	$16 \div 2$	$18 \div 2$	$6 \div 2$
$12 \div 2$	$24 \div 2$	$4 \div 2$	$16 \div 2$
$2 \div 2$	$18 \div 2$	$16 \div 2$	$10 \div 2$
$18 \div 2$	$6 \div 2$	$14 \div 2$	$2 \div 2$
$14 \div 2$	$14 \div 2$	$8 \div 2$	$18 \div 2$
$4 \div 2$	$12 \div 2$	$2 \div 2$	$8 \div 2$
$6 \div 2$	$4 \div 2$	$24 \div 2$	$22 \div 2$

Mad Maths Minutes

5x Table Division Facts Set A

$20 \div 5 =$

$35 \div 5 =$

$15 \div 5 =$

$25 \div 5 =$

$40 \div 5 =$

$50 \div 5 =$

$5 \div 5 =$

$15 \div 5 =$

$30 \div 5 =$

$45 \div 5 =$

$25 \div 5 =$

$40 \div 5 =$

$15 \div 5 =$

$30 \div 5 =$

Divide by 5



Circle Alice's coins to make groups of 5.

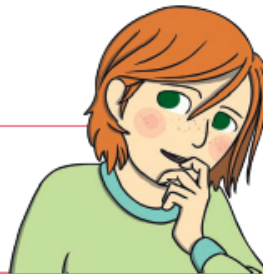
The value of each group is ____p.

There are ____ groups.

$$15p = ____ \times ____ p$$

$$15p \div ____ = ____ p$$

How many bags of sweets can Alice buy?



Aman buys 30 marshmallows. He shares them between 5 bags.

How many marshmallows will be in each bag?
Show how you know.



$$30 \div ____ = ____ \quad 5 \times ____ = ____$$


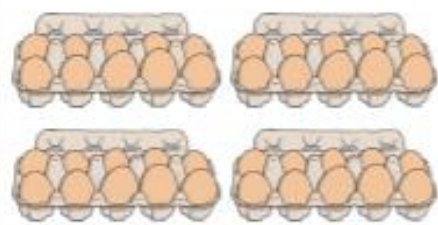
Multiplying and Dividing by Ten

I can group objects in tens and count the groups.






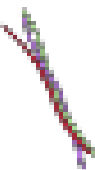
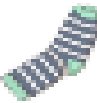







Take a card. Write a sentence to match the card, make up a question and draw a picture to show it.

Example:

	<p>Sentence: <i>4 lots of 10 make 40</i></p> <p>Sentence: <i>10 lots of 4 make 40</i></p> <p>Question: <i>If I have 40 eggs and put 10 eggs in each box, how many boxes will I need?</i></p>	<p>Picture:</p> 
<p>Total: <i>40</i></p>		
	<p>Sentence:</p> <p>Sentence:</p> <p>Question:</p>	<p>Picture:</p>
<p>Total:</p>		
	<p>Sentence:</p> <p>Sentence:</p> <p>Question:</p>	<p>Picture:</p>
<p>Total:</p>		
	<p>Sentence:</p> <p>Sentence:</p> <p>Question:</p>	<p>Picture:</p>
<p>Total:</p>		

Explore the objects on your table and record your answers by putting a tick or a cross in each column.

Object	Can You Squash It? 	Can You Bend It? 	Can you Twist It? 	Can You Stretch It? 
 drinks can				
 pipe cleaner				
 sock				
 drinking straw				
 playdough				
 bath towel				
 sponge				
 elastic band				



Changing Shape

Which was the most changeable object on your table?

Which was the least changeable object on your table?

Why do you think this is?

The shape of all these objects could be changed in some way. See if you can find 3 objects which can't be squashed, bent, twisted or stretched. Write them down here:

What have you noticed about all the objects which change shape?

What have you notice about all the objects which don't change shape?

Why do you think some objects do change and others don't?

