Canonbury Home Learning

Year 2 Maths

Steppingstone activity

Lesson 5 – 01.05.2020
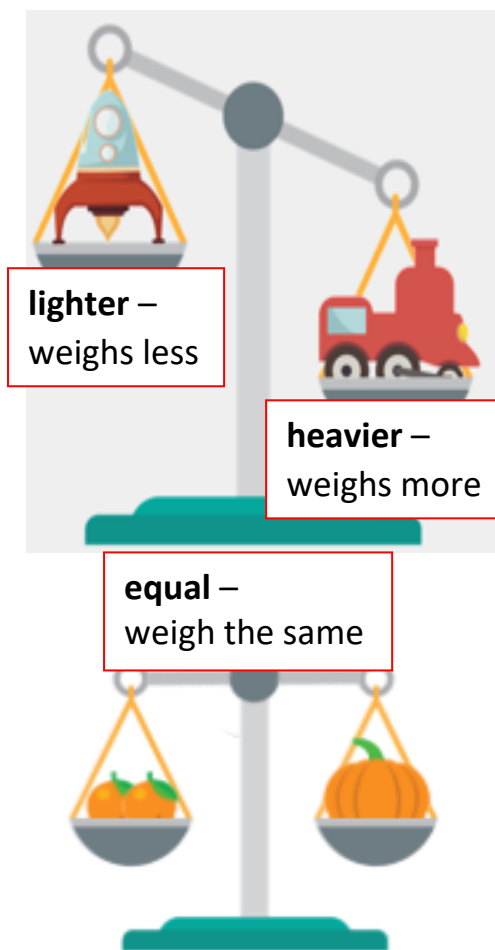
LO: To measure and begin to record mass/weight

Success Criteria:

1. Look at the examples of heavier than, lighter than, and equal to
2. Read the questions
3. Look at the pictures
4. Answer the questions in your book

Model:

lighter – weighs less

heavier – weighs more

equal – weigh the same

1. What is the mass of the cake?

The cake weighs _____ cubes.

2. What is the mass of the ball?

The ball weighs _____ cubes.

3. **True or false?** The book weighs **less than** 10 acorns.

_____. The book weighs _____ than 10 acorns.

4. **True or false?** The teddy weighs **more than** 8 jewels.

_____. The teddy weighs _____ than 8 jewels.

5. Which object weighs **more than** the bird?

carrot

10 buttons

full water bottle

20 buttons

6. Which object weighs **less than** the toy?
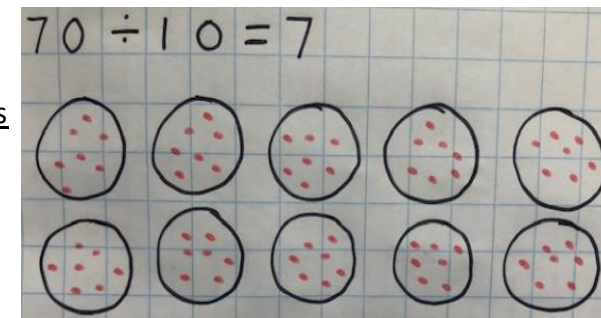
melon

18 grapes

shell

2 grapes

Year 2 Maths

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LO: To calculate mathematical statements for division and write them using the division (÷) and equals (=) signs

Task:

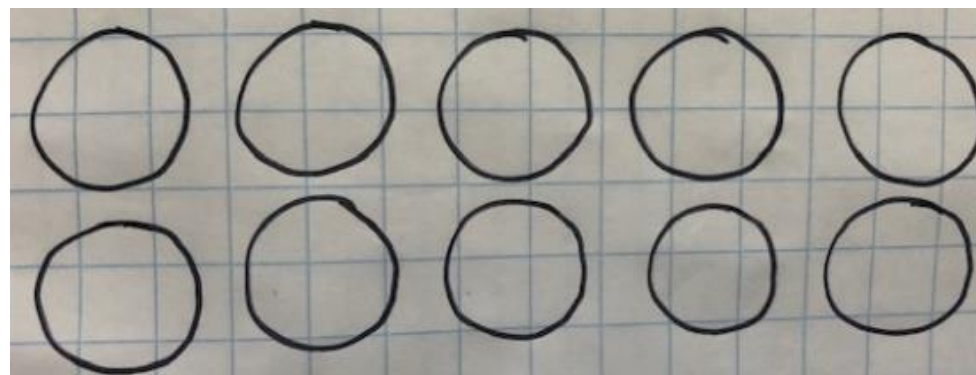# You are going to be using circles and dots to divide by 10

Success Criteria:

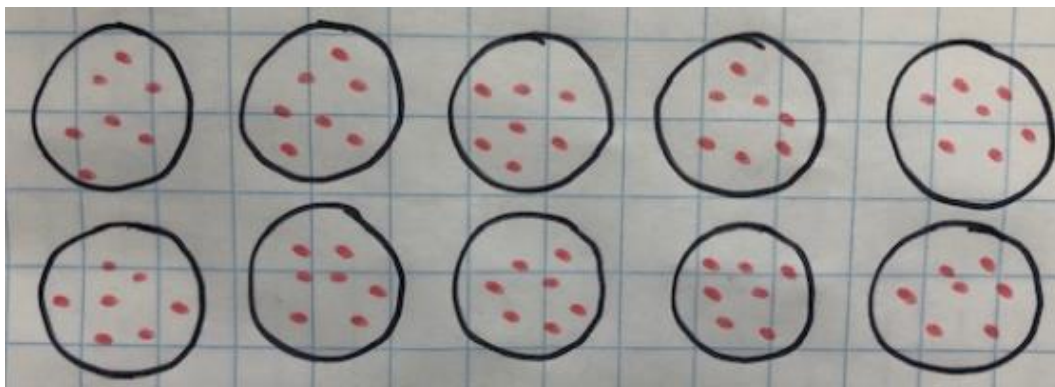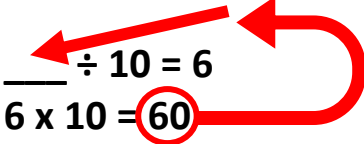|	
1.	Write the calculation
2.	Draw ten circles (to divide by ten)
3.	Share the amount equally between the groups by counting it though the circles in turn, remembering to stop when you have reached the total!
4.	Count the amount in one of the circles to complete the calculation

Model:

1.

$70 \div 10 =$

2.

3.

4.

$70 \div 10 = 7$

Year 2 Maths

Main activity

Complete at least 2 columns, more if you can!

Task 1	Task 2	Task 3	Task 4

Task 1

Practice

Using circles and dots, divide these numbers by 10:

$10 \div 10 =$ ___

$50 \div 10 =$ ___

$20 \div 10 =$ ___

$30 \div 10 =$ ___

$40 \div 10 =$ ___

Task 2

Practice

Use the multiplication inverse (x) to solve these missing number division calculations. Example:

___ $\div 10 = 6$
$6 \times 10 = 60$

___ $\div 10 = 7$
$7 \times 10 =$ ___

___ $\div 10 = 11$
$11 \times 10 =$ ___

___ $\div 10 = 12$
$12 \times 10 =$ ___

___ $\div 10 = 15$
$15 \times 10 =$ ___

___ $\div 10 = 20$
$20 \times 10 =$ ___

Task 3

Reasoning

Explain your answers.

7a. Zach has ninety sweets to share between 10 people. He gives everyone 1 sweet. He says,

> The rest of the sweets can be shared using the calculation $80 \div 10 = 8$

Is he correct? Explain your answer.

7b. Betty has eighty stickers to share between herself and nine friends. She gives everyone 2 stickers.

> The rest of the stickers can be shared using the calculation $70 \div 10 = 7$

Is she correct? Explain your answer.

Task 4

Problem solving

8a. These are the ingredients needed to make flapjack.

Ingredients	10 portions	1 portion
butter		10g
syrup	50g	
sugar		11g
oats	120g	

Complete the table.

8b. These are the ingredients needed to make chocolate ice cream.

Ingredients	10 portions	1 portion
chocolate	120g	
cream	300ml	
sugar		8g
egg yolks		6g

Complete the table.