

Maths

Distance Learning w/b 30/03/20

Problem solving and reasoning

- This week you will be solving questions and word problems involving
 - Addition
 - Subtraction
 - Multiplication
 - Division
- Please show how you worked out the answers using jottings, pictures or any other strategy that you have learned and write the number sentences.

Example

Mrs Dixon has 20 apples. She gives 8 to Mrs Rosewell and 5 to Miss Framp. How many apples does Mrs Dixon have left?

$$20-8=$$

Count back 8 from 20. You get to 12.

$$12-5=$$

Then count back 5 from 12. You get to 7.

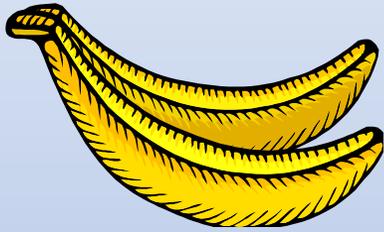
$$20-8-5=7$$

Answer: Mrs Dixon has 7 apples left.



1

Anna buys a banana for 21p and an apple for 7p. How much does she spend all together?



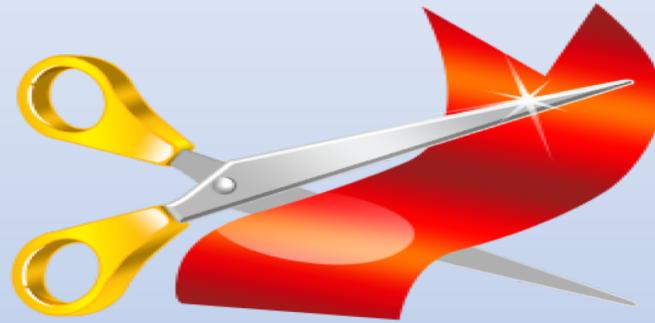
2

Lucy has 28 sweets and James has 15. How many more does Lucy have than James?



3

Tanya has a ribbon that is 29cm long. She cut off 14cm.
How long is her ribbon now?



She then cuts off another 6cm. How
much is left?

4 Eva has these sweets.



How many sweets does she have?

Eva has sweets.

Eva's friend gives her some more sweets.

Now she has 52

How many sweets does Eva's friend give her?

Count to find out.

Eva's friend gives her sweets.

5

Amira puts 2 cherries on top of each cupcake that she bakes.
How many cherries does she need altogether if she bakes 7 cupcakes?



$$\square \times \square = \square$$

She needs cherries altogether.

6

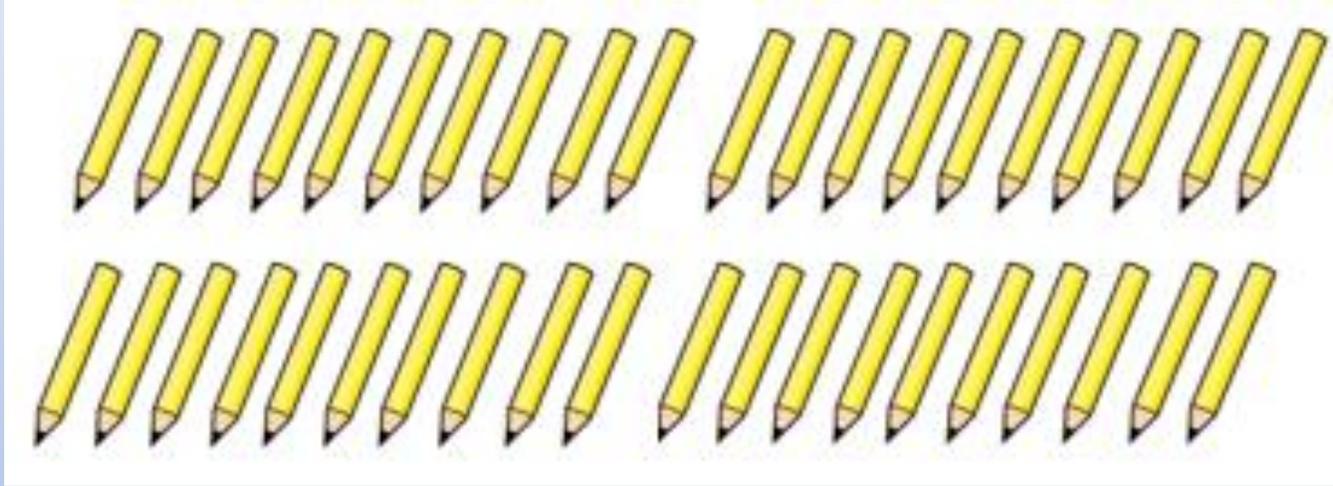
I have 30p in my pocket in 5p coins. How many coins do I have?



How did you work it out?

7

40 pencils are shared between 5 children.



How many pencils does each child get?
Write the number sentence.

8

Alex has 20 sweets and shares them between 5 friends.

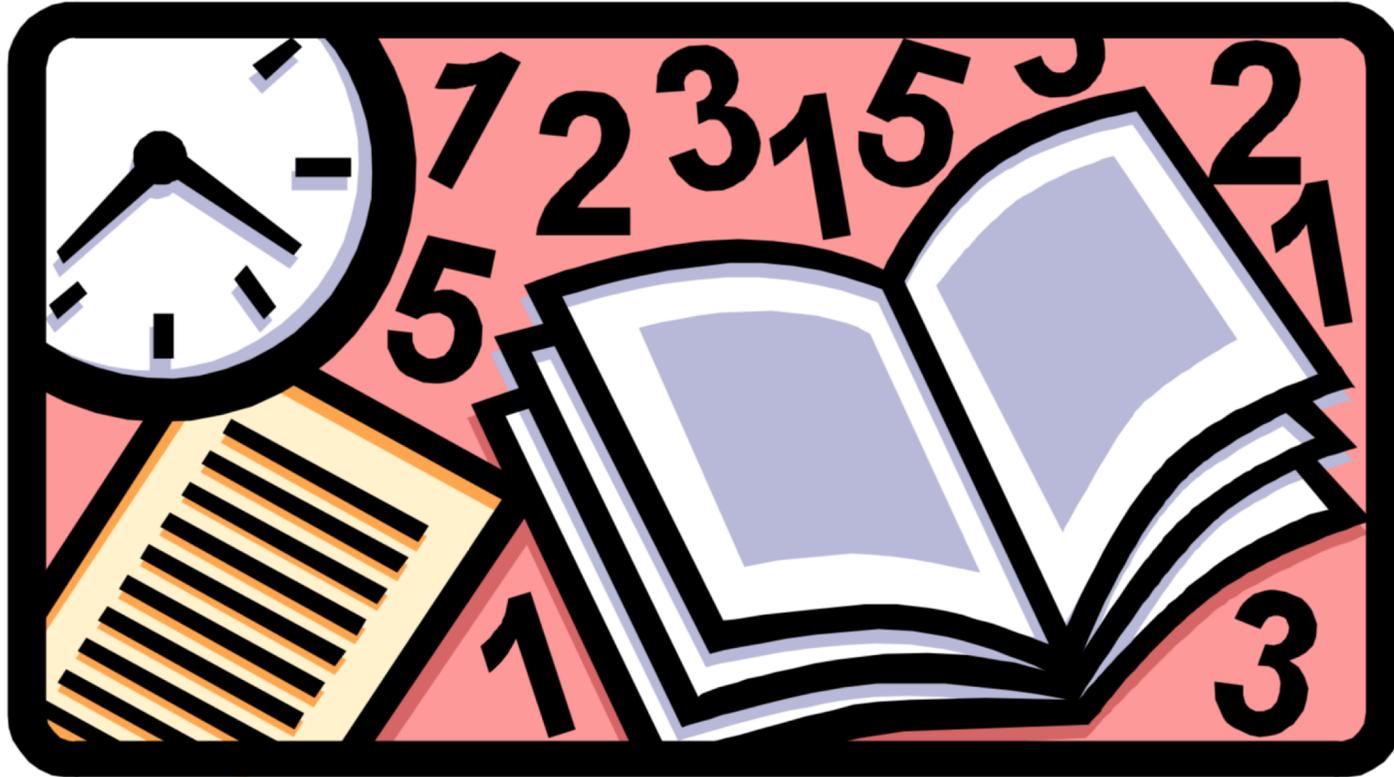


Tommy has 20 sweets and shares them between 10 friends.

Whose friends will receive the most sweets?

How do you know?

- 1) Lucy eats 23 doughnuts for dinner and 17 for tea! How many does she eat **altogether**?
- 2) Steve is thinking of a number. He subtracts 20 and is left with 23. What number was he thinking of?

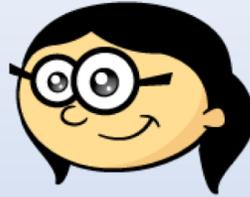
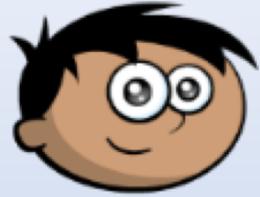


- 3) Jim has 23 cars and Dave has 34 cars. How many have they got in **total**?
- 4) What is the **difference** between 13 and 36?
- 5) What is the **sum** of 12, 13 and 14?

Don't forget to show your working out!

10

Ron has shared some grapes equally between two friends.



Each friend receives fewer than 50 grapes.

Complete the sentences to describe the number of grapes Ron started with.

He must have started with...

He could have started with...

He can't have started with...