

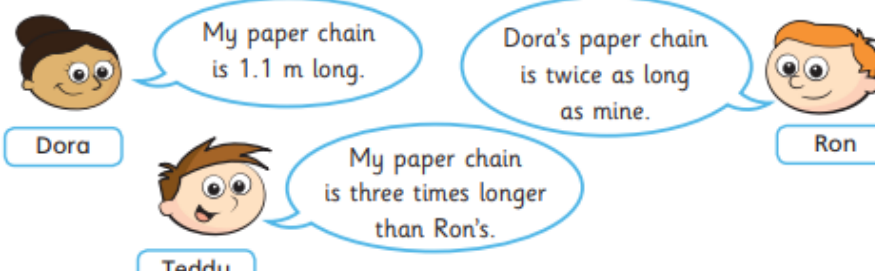
Challenge 1 26.11.20

1) There are 1,360 children in a school.
A quarter of the children walk to school.
How many children walk to school?

2) Tom is running a 6-kilometre race.
He has run one-third of the race so far.
How many more kilometres does Tom have left to run?

Dora, Ron and Teddy are making paper chains.

3)



The diagram shows three children: Dora, Ron, and Teddy. Dora is on the left, Ron is on the right, and Teddy is at the bottom center. Each child has a speech bubble and a name label below them.

- Dora's speech bubble: "My paper chain is 1.1 m long."
- Ron's speech bubble: "Dora's paper chain is twice as long as mine."
- Teddy's speech bubble: "My paper chain is three times longer than Ron's."

- a) How long is Ron's paper chain?
- b) How long is Teddy's paper chain?

Challenge 2 26.11.20

- 1) Huan has saved his pocket money for 5 weeks.
He gets the same pocket money every week.
He has saved £16.65
How much pocket money does Huan get each week?



- 2) A water bottle holds 2 litres.
A leak in the bottle means 25 ml drips out each day.
How many days will it take until the bottle is empty?



- 3) a) A school bus can hold 30 people.
There are 726 children going on a school trip.
How many buses are needed?



- b) A cake needs 4 eggs.
How many cakes can be made from 345 eggs?



- 4) Shop A sells 5 tins of paint for £23.40
Shop B sells 3 tins of the same paint for £14.01
Which shop should Aisha buy her paint from?
Explain your reasoning.



- 5) $146 \div 5 = 29$ remainder 1
 $117 \div 4 = 29$ remainder 1



This means that
 $117 \div 4 = 146 \div 5$

Do you agree with Whitney?
Explain your thinking.

- 6) I'm thinking of a 3-digit number.
When I divide it by 5, I am left with a remainder of 3
When I divide it by 10, I am left with a remainder of 8
It rounds to 200 to the nearest 100
It has one hundred.
What could my number be?

Challenge 3

Create your own problems for a family member or for Mr Hayes to solve on Seesaw.
Can they do it?