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

There are 340 children walking to school.

2. 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?

Huan gets £3.33 pocket money each week.

3. 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?

Tom has 4.4 km left to run.

4. Dora, Ron, and Teddy are making paper chains.

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

a) How long is Ron's paper chain?

Ron's paper chain is 0.55 m long.

b) How long is Teddy's paper chain?

Teddy's paper chain is 1.65 m long.

5. 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?

It will take 80 days until the bottle is empty.
6. 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?

7. 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? __B__
Explain your reasoning.

8. 146 ÷ 5 = 29 remainder 1
117 ÷ 4 = 29 remainder 1

This means that
117 ÷ 4 = 146 ÷ 5

Do you agree with Whitney? No
Explain your thinking.

The remainder isn’t worth the same amount.

146 ÷ 5 = 29.2, 117 ÷ 4 = 29.25
29.2 ≠ 29.85

9. 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?

Create your own problem like this for a partner.

Shop A is €4.68 per tin, Shop B is €4.67 per tin so shop B is cheaper.

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