

Thursday 9<sup>th</sup> July 2020

I am learning to solve problems using all four number operations

Work through the following problems - show your working where appropriate.

Problem 1

There are 38 people on the bus. At Stop A, Half of the people get off and 5 get on. At Stop B, a third of the people get off and 3 get on.

How many people are now on the bus?

Problem 2

The total perimeter of a regular octagon is 96cm.

What is the length of one side?

Problem 3

1 euro costs 85p.

How many euros can you buy for £20?

Problem 4

These ingredients make enough food for 6 people. Change them so there is enough for 9 people.

200g flour  
50g butter  
180ml milk  
4 eggs  
6 rashers of bacon

Problem 5

Eve starts school at 9am. She gets two buses. Bus 1 takes 45 minutes. Bus 2 takes  $\frac{1}{3}$  of the time as Bus 1.

She then has to walk for 7 minutes.

What time should Eve set off.

Problem 6

Krishna buys a skateboard for £13.36. He pays with a £20 note.

How much change does he receive?