

Challenge 1:**Festive Problems | 9th December**

A bakery is mixing milk and cream to make custard.
They use 6L of cream.
They make 19L of milk and cream mixture in total.
How much milk did they use to make their custard?



Bar Modelling:

Number Sentences:

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Challenge 2:**Festive Problems | 9th December**

Rudolph flew 120 miles between his first and second test flights.
He flew half as long in the first flight than the second flight.



How far did Rudolph fly in his second test flight?

Bar Modelling:

Number Sentences:

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Challenge 3:**Festive Problems | 9th December**

Yasmin has four times as many candy canes as Ruth.

Jamal has 45 more candy canes than Ruth.

They have 225 candy canes in total.

How many candy canes does Jamal have?



Bar Modelling:

Number Sentences:

Challenge 4:**Festive Problems | 9th December**

Miss Pudding's fig tree is 50% taller than it was last Christmas.

Mr Partridge's pear tree is $\frac{1}{5}$ taller than it was last Christmas.

Both trees are now the same height.

If the fig tree was 16 feet tall last Christmas, how tall was the pear tree last Christmas?



Bar Modelling:

Number Sentences: