

**Challenge 1:****Festive Problems | 15<sup>th</sup> December**

Santa has some hats.

$\frac{1}{4}$  of his hats are shown below.



How many hats does Santa have in total?

Bar Modelling:

Number Sentences:

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**Challenge 2:****Festive Problems | 15<sup>th</sup> December**

Jamal has made triple the number of gingerbread as Ruth.

Jamal has made 64 more gingerbread than Ruth.



How many gingerbread has Ruth made?

Bar Modelling:

Number Sentences:

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**Challenge 3:**Festive Problems | 15<sup>th</sup> December

Rudolph has stored 40kg more carrots than Dancer this year.

Dancer eats a third of her carrots.

Rudolph now has twice as many carrots as Dancer.

How many kg of carrots did Dancer eat?



Bar Modelling:

Number Sentences:

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**Challenge 4:**Festive Problems | 15<sup>th</sup> December

Chen and Yasmin have made 400L of custard combined.

Chen has put four tenths of his custard into jars.

Yasmin has used 40L making custard tarts.

They have the same amount of custard left.

How much custard did Yasmin make originally?



Bar Modelling:

Number Sentences:

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