

Challenge 1:Advent CalenBAR | 17th December

Jamal and Ahmed have the same amount of chocolate sauce. Jamal has 19L. If he pours 6L on to some cakes, he will have 8L less than Ahmed.



How much chocolate sauce has Ahmed made?

Bar Modelling:**Number Sentences:**

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Challenge 2:Advent CalenBAR | 17th December

Chen has made a Christmas cake.
He gives half of the cake to his brother.
His sister eats a fifth of the cake.
What fraction of the cake is left?

**Bar Modelling:****Number Sentences:**

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Challenge 3:Advent CalenBAR | 17th December

Santa has three sacks of coal for the naughty listers. Put together, he has a total mass of 195kg of coal. The first sack has a mass of 92kg. The second sack is half as heavy as the first sack. What is the mass of Santa's third sack of coal?

**Bar Modelling:****Number Sentences:****Challenge 4:**Advent CalenBAR | 17th December

A bag of gingerbread weighs two fifths as much as a box of mince pies. 3 bags of gingerbread and 2 boxes of mince pies weigh 6.88kg. How much would 1 bag of gingerbread and 1 box of mince pies weigh?

**Bar Modelling:****Number Sentences:**