

# Christmas Maths

Word Problem  
Challenge



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Olly the elf shared Christmas cake with 4 friends. What fraction do they get each?



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There are 9 gold baubles and 18 silver baubles on the Christmas tree. How many baubles are there altogether?



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A gold bauble costs 15p more than a silver bauble. If the silver bauble costs 17p, how much does the gold bauble cost?



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A mince pie costs 8p. Santa wants to buy 5 mince pies. How much will it cost him?



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There were 12 candy canes on the tree  
and Elise ate  $1/4$  of them.  
How many did she eat?



There are 24 gloves in the shop.  
How many pairs is that?



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Anita has 5 baubles whilse Raja has 16.  
How many more baubles does Raja have  
than Anita?



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Jean-Luc has saved his money to buy  
Christmas presents. He has saved £34.  
Brigit has saved £15. How much more has  
Jean-Luc saved than Brigit?



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If crackers cost 20p,  
how many can you buy for £1?



Olly the Elf has 20 sweets in his bowl. He gives away 6 sweets and then 8 more. How many sweets does he have left?



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In a pack of baubles, there are 7 green baubles and 4 red baubles.

If I buy 5 packs, how many green baubles would I have?



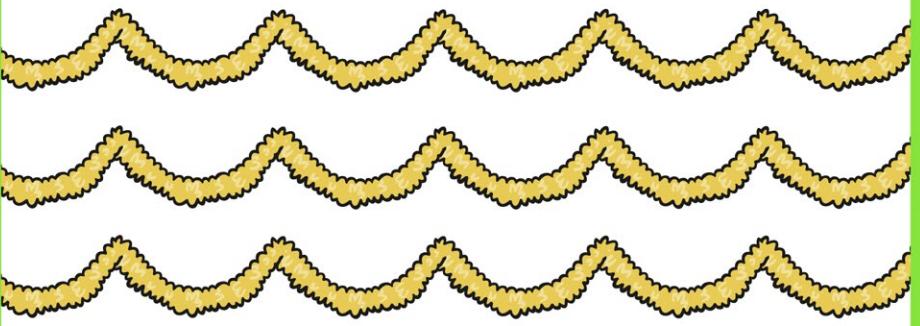
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Olly the elf bought some mulled punch that cost 28p. He paid for it exactly with 4 coins. What coins did he use?



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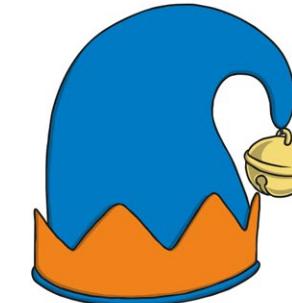
Santa buys some tinsel for 30p.  
He gives £1. How much change should  
he get?



Mrs Claus is baking biscuits.  
She uses chocolate chips. Each biscuit  
needs 10g of chocolate chips. If she has  
100g of chocolate chips, how many can  
she make?



Santa's elves wear orange or blue hats.  
32 elves are working in the workshop.  
14 of them are wearing orange hats.  
How many are wearing blue?



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A sack of presents weighs 5kg.  
Santa had to carry 5 sacks.  
How many kg was Santa carrying?

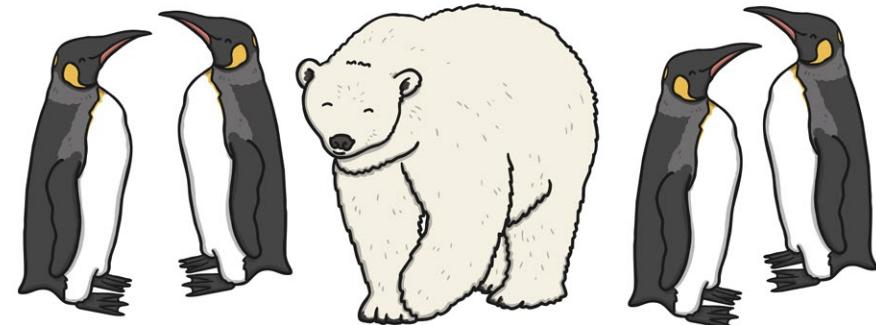


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How many 10p coins do I need to buy a present that is 78p?



22 penguins and 35 polar bears are waiting outside for Santa. How many animals are waiting together?



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Amelia the elf walked to Santa's workshop and set off at 8.00. She arrived at 9.30.  
How long did it take her?



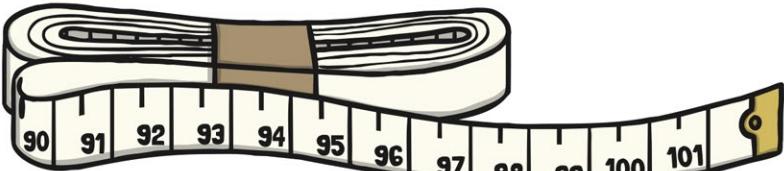
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All the elves had a snowball fight. There were 13 elves on each team. How many elves were playing altogether?

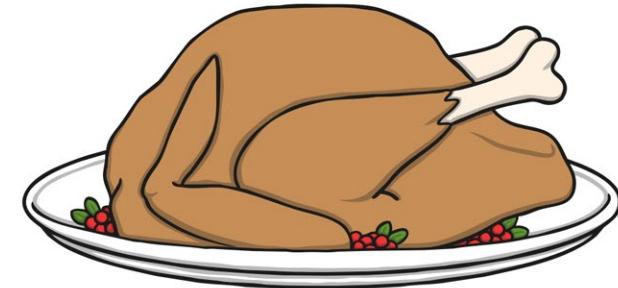


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Farrah the elf is 128cm tall and Ben the elf is 109cm tall. How much taller is Farrah than Ben?



A turkey cost £20.00 and a Christmas pudding costs £12.50. How much did the 2 things cost altogether?



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Father Christmas makes 28 snowmen in his garden. Half of them are wearing red hats. How many snowmen are not wearing red hats?



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Mrs Claus has a piece of 50cm tinsel and accidentally snaps it in half. How much tinsel does she have left?



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In the workshop, the elves pack candy canes into boxes of 5.

They have 35 candy canes to pack.  
How many boxes will they need?



Santa loves to drink milk. He drinks it from his favourite glass that will hold 70ml of milk. If he drinks half of it, how much milk will be left?



Santa had 48 mince pies and he ate 11 on the sleigh ride home. How many pies did he have left?

