

Roald Dahl Maths

UKS2 Challenge Cards



Roald Dahl Maths UKS2 Challenge Cards



1. Mr Fox's tail measured 21.7cm. When Boggis, Bunce and Bean shot at him, he lost 18.9cm of it. How long is Mr Fox's tail now?



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2. Every day, Charlie Bucket ate 3 bowls of cabbage soup. If there are 365 days in a year, how many bowls of cabbage soup in a year?



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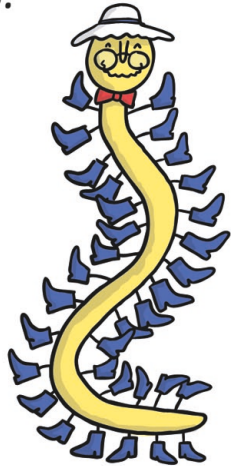
3. Mrs Twit's walking stick measured 85cm. Mr Twit added 4cm of wood to Mrs Twit's walking stick every day for 9 days. How long is Mrs Twit's walking stick now?



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4. The Centipede has 45 pairs of feet. Each pair of boots he buys costs him £8. How much will he need to spend on boots?



5. George's Grandma is three times older than George's dad. George's dad is 5 times older than George. George is 8 years old. How old is Grandma?



6. Mike Teavee watches 133 hours of television every week. On average, how many hours is that per day?



7. Tins of spaghetti cost 38p. How many tins could Mrs Twit buy with £5 to mix with worms for Mr Twit's dinner? Would she have any change?





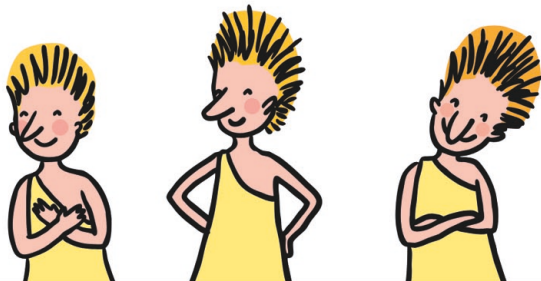
8. Miss Trunchbull's record for drop-kicking naughty children was 93.78 metres. Today, she managed to kick a child 48.23 metres further. How far did she drop-kick the child?



9. There were 508 books in the library. Matilda had read $\frac{1}{4}$ of them. How many of the books had she read?



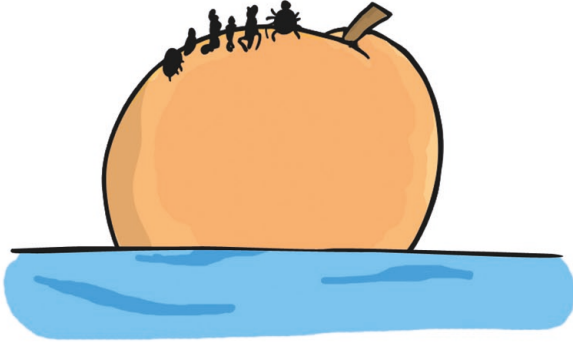
10. Willy Wonka had up between 80 and 100 Oompa-Loompas working for him. When he asked them to work in teams of 4, he had 3 left over. When he asked them to work in teams of 5, he had 2 left over. How many Oompa-Loompas does Willy Wonka have working for him?



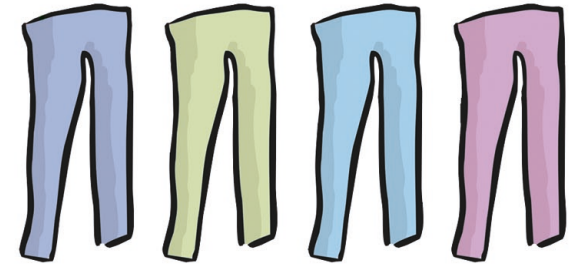
11. Willy Wonka has decided to package his new chocolate bar in a 3D box. The shape has 9 edges, 5 faces and 6 vertices? What shape has he chosen?



12. The giant peach needs to travel 5471km to reach New York. The peach has now floated 3832km. How much further does it need to travel?



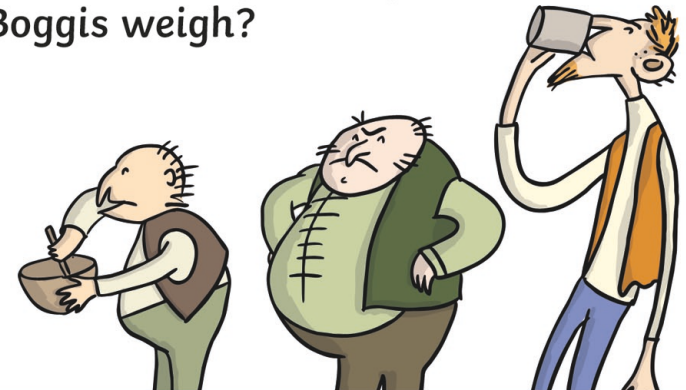
13. All four boys, who lost their trousers when they got stuck to Mr Twit's super glue-covered tree, went to buy a new pair. Each pair of trousers cost £22.89. How much change did the boys get from £100?



14. The BFG stacks his dream jars on shelves in his cave. He has 325 shelves that each hold 28 dream jars. How many dream jars is that altogether?



15. Farmer Bunce and Farmer Bean together weigh 156kg. Farmer Bean and Farmer Boggis together weigh 215kg. If Farmer Bunce weighs 67kg, how much does Farmer Boggis weigh?



16. Willy Wonka conducted a small survey into his customers' favourite Wonka Bars. Their votes are shown in this tally chart. Use a piece of squared paper to turn this data into a pictogram. Label the axes and devise an appropriate key. Use your pictogram to write down three facts about the results of the survey.

Name of Wonka Bar	Votes
Chocolate Whipple Bar	
Nutty Crunch Surprise	
Fantabulous Fudge	
Triple Dazzle Bar	
Scrumdiddlyumptious Bar	

17. Verruca Salt demanded that her millionaire father buy her some new things to keep her entertained while he was busy working at his factory. She asked for; a juggling monkey, which cost £1325; a new pony, which cost £5432 and a diamond-encrusted games console, which cost £1479. How much did Mr Salt have to spend in total to keep his precious, angelic daughter quiet?



18. George found a full 510ml bottle of Golden Gloss Hair Shampoo in his bathroom. He poured $\frac{5}{6}$ of it into his medicine to wash his Grandma's mouth out. How much was left in the bottle?



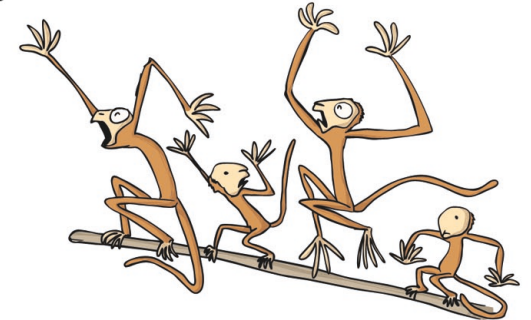
19. Mr Wormwood, Matilda's father, sells dodgy used cars. These are his sales records for last week, which show how much he bought each car for and how much he sold them on for. How much profit did he make last week?

Used Car	Bought For	Sold For
Silver Bullet	£2370	£4425
Dodge Crespa	£1185	£2975
Vizsuki Nemo	£915	£3029

20. Augustus Gloop spent exactly £7 on a mixture of Scrumdiddlyumptious Bars and Triple Dazzle Bars. How many of each did he buy?



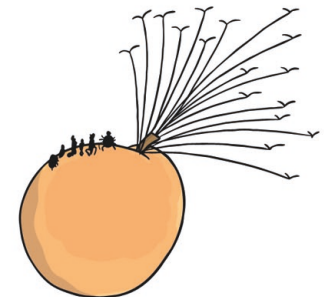
21. Mr Twit locked the whole Mugglewump family in a small rectangular cage. The cage had longer sides that measured 120cm and shorter sides that measured 75cm. What was the area of the cage in m^2 ?



22. Roald Dahl sold 76 000 books in the UK last year. 75% of these were bought by children. How many books is that?



23. To make the giant peach fly, the silkworm needs to spin 10-metre lengths of silk to attach to each seagull. The silkworm can spin 1-metre of silk every 40 seconds. How many minutes will it take to spin enough silk to attach eight seagulls to the peach?



24. The BFG caught 4 children's dreams in jars every night for a whole year. How many dreams is that in total? He stacks the jars on shelves in his cave with 9 dream jars to each shelf. How many shelves would he need to keep all of the dream jars?



25. Mr Twit received a pair of ever-expanded shoes (for his next wicked trick on his unsuspecting wife!) in a rectangular cardboard box. The length of the box was double the width and the width was double the height. The length was 28 centimetres. What was the volume of the shoebox?

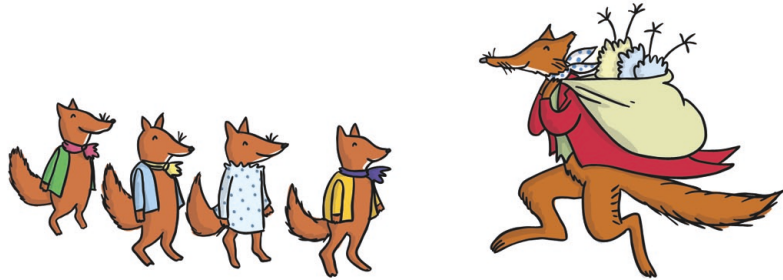


26. Mr Wonka's new Scrumpdiddlyumptious machine can produce 1347 bars every hour. If the Oompa-Loompas manned the machine for 24 hours a day, how many bars would the machine produce each day?



27. George's dad, Mr Kranky, now uses his son's marvellous medicine to produce gigantic, prize-winning farm animals. Last week, he entered three enormous animals into the country show. His bullock and his sheep had a combined weight of 2357kg. His award-winning pig weighed 784kg, which was half the weight of the bullock. How much did the sheep weigh?

28. Mr Fox and his fox family were trapped inside their hole from 11.30pm on Friday. It took them until 2.45pm on Tuesday to burrow through to Farmer Bunce's storehouse. How many minutes were they trapped for?



29. The Roly-Poly Bird needs to fly 11 200km from Africa to rescue the Mugglewumps from the evil Mr. Twit. On his first day of flying, he flies 25% of the way. On his second day, he flies $\frac{3}{5}$ of the distance he has left to travel, and on day three, he completes his journey. How far does the Roly-Poly bird fly on day three?



30. James' peach has a diameter of 9cm which doubles in size every 30 seconds. What will its radius in metres be after 5 minutes?

