Roald Dahl Maths
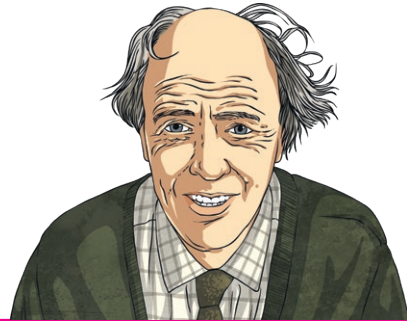## LKS2 Challenge Cards

1. Mr Fox's tail measured 21cm. When Boggis, Bunce and Bean shot at him, he lost 18cm of it. How long is Mr Fox's tail now?

2. Charlie Bucket ate 3 bowls of cabbage soup every day of the week.
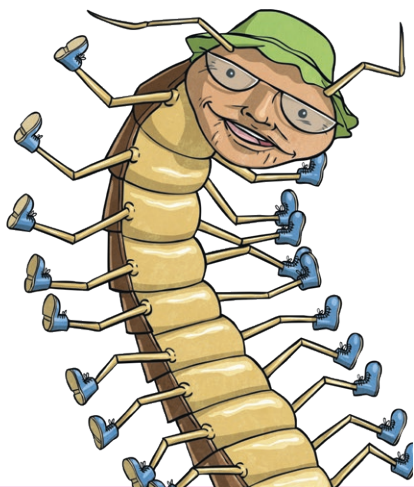How many bowls of cabbage soup is that?

3. Mr Twit added 4cm of wood to Mrs Twit's walking stick every day for 9 days. How much longer would the walking stick be at the end of the 9th day?

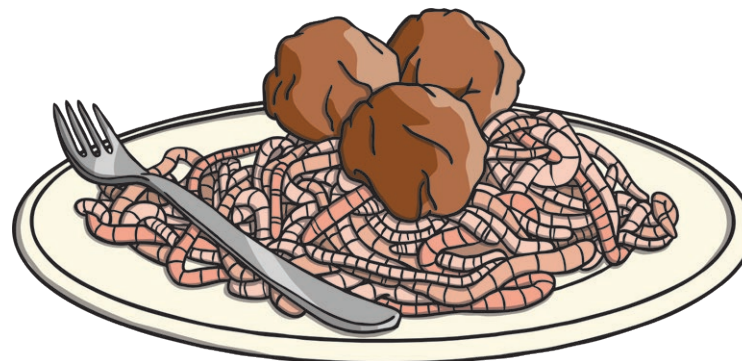4. The Centipede has 45 pairs of feet. How many feet in total is that?

5. George's Grandma is three times older than George's dad. George's dad is 32 years older than George. George is 8 years old. How old is Grandma?

6. Mike Teavee watches television for 4 hours a day on weekdays and for 8 hours a day at weekends. How many hours of TV does Mike Teavee watch in a week?
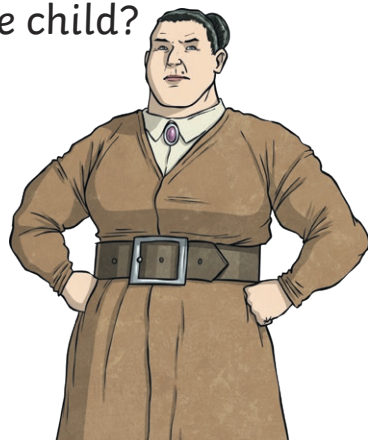
7. Tins of Spaghetti cost 33p. How many tins could Mrs Twit buy with £2 to mix with worms for Mr Twit's dinner? Would she have any change?

8. Miss Trunchbull's record for drop-kicking naughty children was 93 metres. Today, she managed to kick a child 48 metres further. How far did she drop-kick the child?

9. There were 24 books in Matilda's school desk. Matilda had read 1/4 of them. How many of the books had she read?
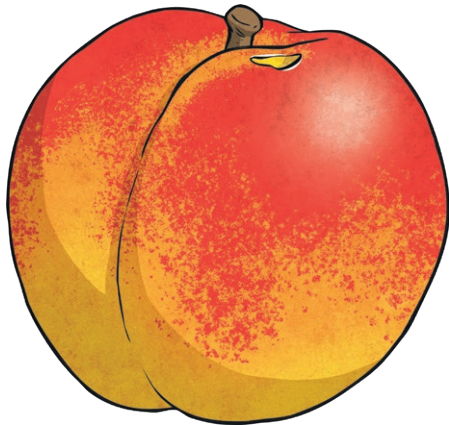
10. Willy Wonka had between 20 and 30 Oompa-Loompas working for him. When he asked them to work in teams of 4, he had 3 left over. When he asked them to work in teams of 5 he had 2 leftover. How many Oompa-Loompas does Willy Wonka have working for him?
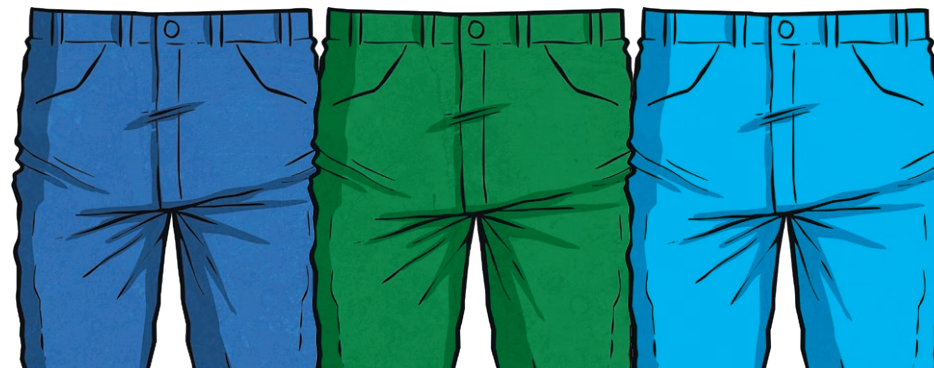
11. Willy Wonka has decided to package his new chocolate bar in a 3D box.
The shape has five faces and two of them are triangles. What shape has he chosen?

12. The giant peach needs to float 547km cross the shark-infested ocean. The peach has now floated 432km. How much further does it need to travel?
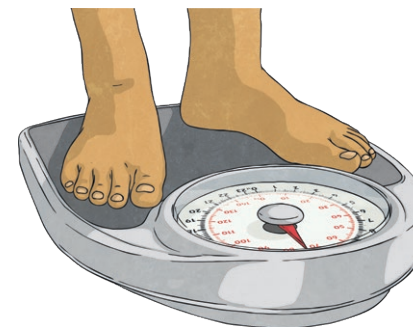
13. All four boys, who lost their trousers when they got stuck to Mr Twit's super glue-covered tree, went to buy a new pair. Each pair of trousers cost £13.50. How much did the boys spend altogether?

14. The BFG stacks his dream jars on shelves in his cave. Each shelf holds 8 dream jars. How many shelves would he need to hold 75 dream jars?

15. Farmer Bunce weighs 22kg less than Farmer Bean. Farmer Boggis weighs 37kg more than Farmer Bean. 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 pictogram.
How many more people voted for the Scrumdiddlyumptious Bar than the Chocolate Whipple Bar? How many people voted in total?

Chocolate | Chocolate = 4

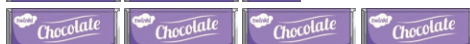Chocolate Whipple Bar — Chocolate Chocolate Chocolate Choc
Nutty Crunch Suprise — Chocolate Chocolate Chocolate
Fantabulous Fudge — Chocolate Cho
Triple Dazzle Bar — Chocolate Chocolate Cho
Scrumdiddluumptious Bar — Chocolate Chocolate Chocolate Chocolate

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 £325; a new pony, which cost £532 and a diamond-encrusted games console, which cost £479.

18. George found a full 500ml bottle of Golden Gloss Hair Shampoo in his bathroom. He poured $\frac{1}{4}$ of it into his medicine to wash his Grandma's mouth out. How much did he pour in?
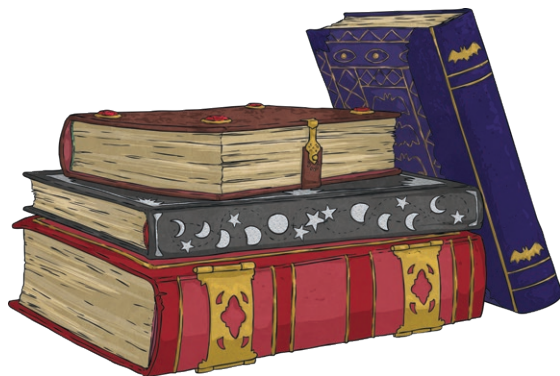
19. To make the giant peach fly, the silkworm needs to spin 10-metre lengths of silk to attach to each seagull. The silkworm can spin 1 metre of silk every 30 seconds. How many minutes will it take to spin enough silk to attach eight seagulls to the peach?
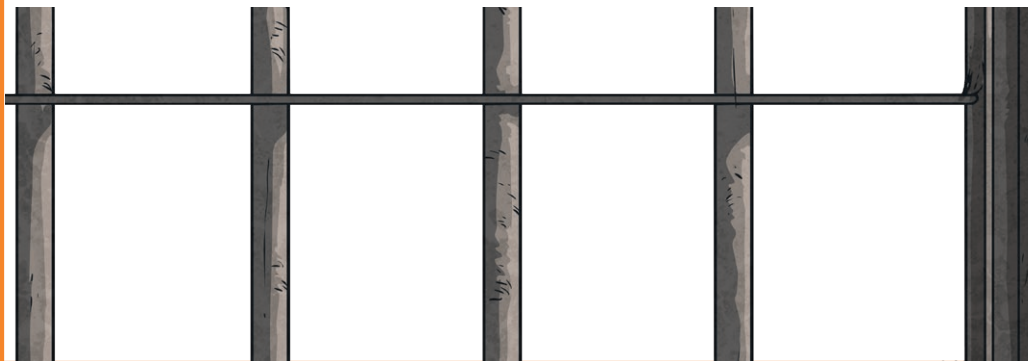
20. In 5 weeks, Matilda managed to read 40 Charles Dickens books. As the books got trickier, she read 2 fewer every week than the week before. How many books did she read each week?

21. Mr Twit locked the whole Mugglewump family in a small rectangular cage. The long sides of the cage measured just 90 cm and the shorter sides were half as long. What was the perimeter of the side of the cage?

22. The book shop sold 76 Roald Dahl books in one week. $\frac{3}{4}$ of these were bought by children. How many books is that?

23. Mr Wormwood, Matilda's father, sells dodgy used cars. Last week, he bought a rusty Silver Bullet for £278 and sold it for £1425, and a clapped-out Dodge Crespa for £118, which he sold for £760. How much profit did he make last week?

24. The BFG caught 8 children's dreams every night for a whole year. How many dreams is that in total?

25. Aunt Sponge, Aunt Spiker and James all stepped on a weighing scale together. The weighing scale read 189kg. James stepped off and the weighing scale read 162kg. Aunt Spiker step off and the weight went down by 1/3. How much does each person weigh?

26. Mr Wonka's new Scrumpdiddlyumptious machine can produce 347 bars every 10 minutes. How many bars would the machine make in an hour?

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 bullocks into the country show.

Bullock A and Bullock B had a combined weight of 2231kg.

Bullock B and Bullock C had a combined weight

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 days, hours and minutes were they trapped for?

29. The Roly-Poly Bird needs to fly 2784km to rescue the Mugglewumps from the evil Mr Twit. He stops for a rest after flying 897km. How far does he have left to fly?

30. James' 9cm peach doubles in size every 30 seconds. How big will it be after 5 minutes?