St. George's Day
Maths Challenge Cards

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1. The local church is holding a St. George's Day Fair to sell themed items to raise money. It costs each person £7 to have a stall at the fair. If 54 people have a stall, how much money is raised?

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2. The local school is also holding a St. George's Day celebration for a local charity. They spend £57.31 on food, £22.72 on drink and £50 on entertainment. They get £194.50 through ticket sales, and the food and drink sales total £167.80. How much profit have they made to give to the charity?

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3. English roses are sold in packs of 8. How many packs can be made from 1120 roses?

4. David had a box of English buttonhole roses to sell for St. George's Day . He gave Jayden 4/9 of them to sell, and gave Darnell 1/3 of them to sell. What fraction did David have left?

5. These children took part in a jousting competition at a St. George's Day fete. Here are their scores:

Name	Round 1	Round 2
Ben	5	8
Amelia	6	8
Lily	4	6
Hamza	7	11
Cheng	8	9

a) Who scored the least points overall?

b) Who improved the most from round 1 to round 2?

c) What was the mean score for round 2?

6. Jinky the dragon is practising his fire breathing for the St. George's Day parade. There are 76 targets and he sets $\frac{3}{4}$ of them on fire. How many targets has he set on fire?

7. Jinky the dragon flies $\frac{4}{12}$ of a kilometre to fire-breathing school every day. Rolo the dragon flies $\frac{2}{3}$ of a kilometre every day. Who travels the farthest and by how much? Write the answer in its simplest form.

8. St. George's Day is on 23rd April. How many days is it until July 4th?
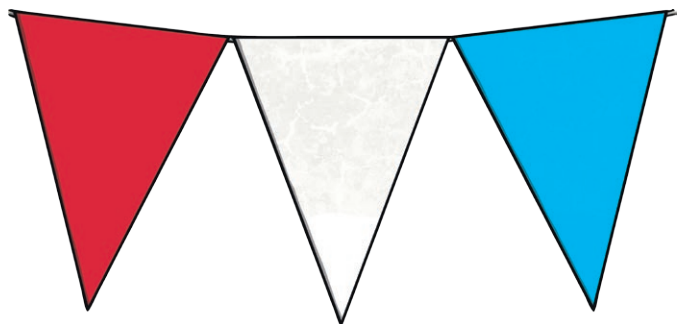
9. If 23rd April is on a Sunday this year, what days of the week are:

a) 10th April

b) 2nd May
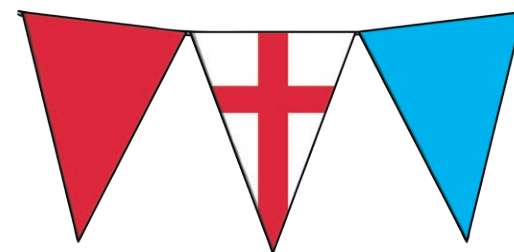
c) 8th June

d) April Fools Day

10. Paula is making St. George's Day flag bunting. She buys 192 fabric triangles. $\frac{1}{3}$ of them are red, $\frac{1}{3}$ of them are white and $\frac{1}{3}$ of them are blue. How many read and white triangles does she have?

11. Paula is making St. George's Day flag bunting. She has 192 triangles to decorate. She decorates $\frac{1}{3}$ with dragons and $\frac{3}{12}$ with Saint George's crosses.

a) What fraction does she have left to decorate?

b) How many triangles is this?

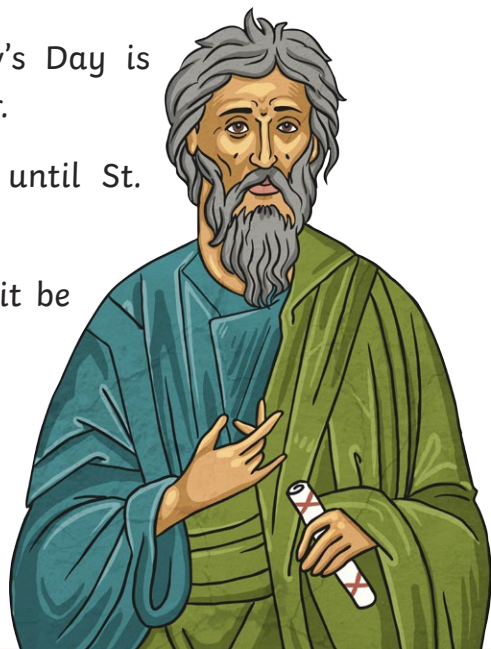12. The school St. George's Day play lasts 100 minutes. It started at 1.15pm. What time will it finish?

13. Years 5 and 6 are putting on a St. George's Day play for the rest of the school. There are 672 seats altogether in the large performance hall. They are set out in rows of 24. How many rows are there?

14. In Scotland, Saint Andrew's Day is celebrated on 30th November.

    a) How many days is it until St. George's Day ?

    b) How many days would it be in a leap year?

15. A factory makes St. George's Day greetings cards. The cards are sold in packs of 16. There are 628 cards ready to sort into packs. How many complete packs of cards can be made?

St. George's Day Maths Challenge Cards **Answers**

1. £378

2. £232.27

3. 140

4. 2/9

5. a) Lily
   b) Hamza
   c) 8.4

6. 57

7. Jinky flies 1/3 of a kilometre further.

8. 72

9. a) Monday
   b) Tuesday
   c) Wednesday
   d) Tuesday

10. 128 triangles

11. a) 5/12
    b) 80 triangles

12. 2.55pm

13. 28 rows

14. a) 144
    b) 145

15. 39 complete packs