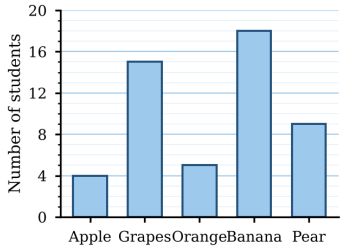
Day 47 **C Tier 10-a-day**

1 Work out 255 + 419.

2 The bar chart shows the favourite fruit of some students.
Work out the total number of students.



3 Solve 8 + a = 12

4 The table shows the number of brothers and sisters of each student in a class.
Work out the total frequency.

Brothers and sisters	0	1	2	3	4
Frequency	5	9	1	2	7

5 Work out the value of c^3 when c = 3.

Day 47 **C Tier 10-a-day**

6 The two-way table shows some information.
Work out the missing number, shown by ?

	Tea	Coffee	Total
Boys	7	5	12
Girls	16	8	24
Total	23	?	36

7 Work out 5^3.

8 A rectangular play area is 7 m long and 9 m wide.
Fencing costs £8 per metre.
Work out the cost of putting fence all the way round the play area.

9 Matchsticks are used to make a pattern of triangles.
The diagram shows the first three patterns.
How many matchsticks are needed for
(a) Pattern 7
(b) Pattern 9



Pattern 1 Pattern 2 Pattern 3

10 A circle has a radius of 2 cm.
Work out its circumference.
Use $\pi = 3.14$