

Figure your way round Pannett Park



Some answers!

1. The red bricks form an octagon.
This shape does not tessellate. If you had lots of tiles this shape you couldn't fit them together to totally cover the floor, there would be gaps.
2. Remember you can only use a sundial when the sun is shining.
Our sundial is set to GMT, so in summer you need to add one hour to your reading to convert it to BST.

Robert Elliott Pannett was born in 1834 & died in 1920.
So he was 86 when he died.

3. Equilateral triangles form a pattern on the path at the entrance to the South Seas garden. There are also diamonds & rectangles.

There are 13 triangles on the back of each bench. There are 3 benches.
So $3 \times 13 = 39$ triangles.

There are 6 turtles swimming up the grassy bank. Turtles have 4 legs.
So $6 \times 4 = 24$ legs altogether.

4. The two digit numbers add up to 94. ($15 + 14 + 19 + 15 + 16 + 15$)
The Roman numerals add up to 26 (V is 5, VI is 6, IV is 4)
So $94 - 26 = 68$
(an alternative answer is $104 - 26 = 78$ if you looked at the carving behind you)

There are 8 snowflakes with 6 points each $8 \times 6 = 48$

5. I'm sure you don't need my help with this!
6. There are 17 rectangles in the roof of the rose arch.
7. I call the crocodile Chris. Every time I count the spines on his back I get a different answer.
Remember - even numbers can be divided by 2, odd numbers can't.

In the Middle Jurassic strata there are 5 footprints in one layer & 9 in another.
So $5 \times 9 = 45$

8. The shrubs spell "Pannett Park Whitby"
You can see 7 circles in the clock.

Captain Cook's first voyage was in 1768
Bram Stoker wrote Dracula in 1897
So there were 129 years between the two events.

9. The lettering says "We will remember them"
There are 18 letters, rounded to the nearest 10 makes 20.
10. The 8 legged creature is an octopus.
The octagon in question 1 had 8 sides.
Examples of other prefixes connected to numbers are -
3 tri
4 quad
6 hexa

The force of gravity will help you go down the slide.

The force of friction will slow you down

Can you think of a question we could use in a park trail in the future?
If you can please send it via "contact us"