Wimbledon Tennis Maths Challenge Cards

Scoring

Scoring in tennis goes 15, 30, 40, Game. Explain why this counting is unusual.

How many different combinations of scores are there? e.g. 15 – 0, 0 – 15, ...

Play a game with a partner using tennis scoring.

Rectangles

How many rectangles are there in a tennis court? Include all the rectangles that are combinations of other shapes.

Courts

Wimbledon has 19 Championships grass courts, 22 grass practice courts, 8 American Clay courts, 5 indoor courts, two Greenset Velvelux courts and three Greenset Trophy courts.

Draw a bar chart or line graph from this information.
How many courts are there altogether?
How many grass courts are there altogether?
Write some of your own questions using this information.
**Answers**

1. 31

2. The steps between points are not even.


   Advantage is not included here but it is not incorrect if a child knows it.

3. 59, 41

4. 312 feet, 72 feet, 228 feet

5. $64 + 32 + 16 + 8 + 4 + 2 + 1 = 127$, 7 matches

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**The Draw**

There are 128 players in the first round of the men’s or women’s singles. The winner of each match goes into the next round and the loser leaves the competition.

How many matches will be played in the whole of the men’s or women’s singles tournament?

How many matches does the champion win?