S1 Homework 28

1.   Granny Jones won £1700 at the Bingo. She shared it evenly between her five grandchildren. How much did each child get?

2.   Round these numbers to one decimal place.

   (a)   1·367   (b)   56·7831   (c)   25·9865

3.   Calculate:

   (a)   10% of £36   (b) 75% of £4·20   (c)   30% of £120

5.   David arrives in the classroom for his maths lesson at 1.40pm. During the lesson there is a fire drill. David is out of the classroom from 1.55pm until 2.08pm. The maths lesson finishes at 2.35pm. How many minutes did David spend in the maths classroom?

6.   Tom keeps his greenhouse at a steady temperature of 10°C during the winter. One night his heating system breaks down and the temperature falls by 12°C. What was the temperature in his greenhouse that morning?

7.   Jim's garden is a rectangle 10m by 6m. He grows vegetables in a square bed, side 4m. What fraction of his garden is used for growing vegetables. Remember to simplify your answer (if possible).

8.   A plane leaves Edinburgh at 11:00am. It flies for five and a half hours at 600mph. What time does it land in New York? (The time in New York is four hours behind the time in Edinburgh)

[Junior Kangaroo 2018 Q3] Each of the designs shown is initially divided into squares. For how many of the designs is the total area of the shaded region equal to three-fifths of the area of the whole design?