

1. Gabriella and Demi have recorded the temperature in the shade at midday on every day of their six week school holiday .

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Week 1	25 °C	20 °C	20 °C	19 °C	20 °C	24 °C	26 °C
Week 2	25 °C	25 °C	28 °C	27 °C	28 °C	31 °C	25 °C
Week 3	28 °C	27 °C	27 °C	27 °C	24 °C	22 °C	20 °C
Week 4	15 °C	19 °C	23 °C	19 °C	16 °C	15 °C	19 °C
Week 5	18 °C	19 °C	20 °C	23 °C	25 °C	28 °C	28 °C
Week 6	33 °C	34 °C	32 °C	26 °C	26 °C	29 °C	30 °C

a. Copy and complete this table

	Range	Mode	Median	Mean
Week 1	7	20	20	22
Week 2	6	25	27	27
Week 3	8	27	27	25
Week 4	8	19	19	18
Week 5	10	28	23	23
Week 6	8	26	30	30

b. Which week had the greatest range of temperature ?

Week 5

c. Use the information in your table to argue which was the warmest week of the holiday .

Week 6 is the warmest because it has the highest mean and median, and the mode in Week 6 is the third highest, which also makes it warmer than four other weeks

d. Gabriella and Demi were taking part in a conversation project on every Tuesday of the holiday . What was the range of temperatures on Tuesdays? What was the averages (mode , mean and median) temperature on Tuesdays ?

range: 12°C mode: 20°C median: 25°C mean: 25°C