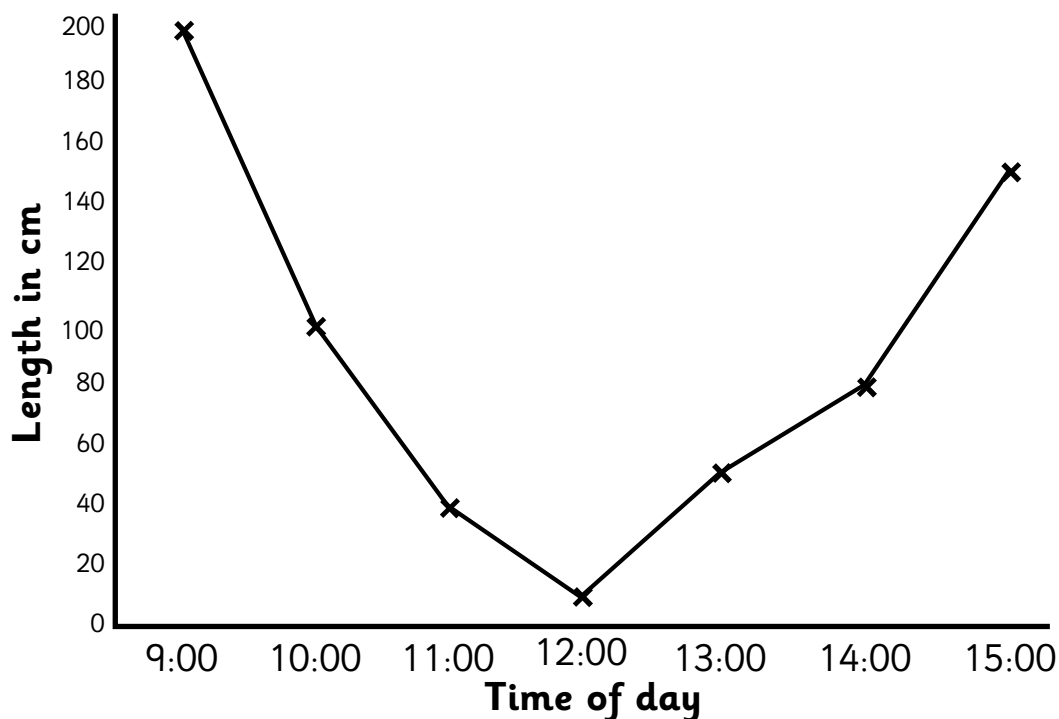


Shadow lengths



Year 3 have been measuring the length of shadows over the school day. They put a pole in the playground on a sunny day and drew around the shadow it cast.

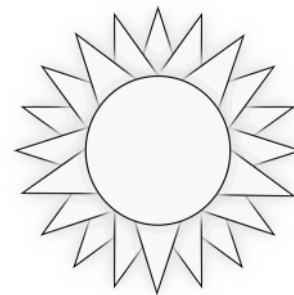
This line graph shows the changes in height that the shadow went through during the day.



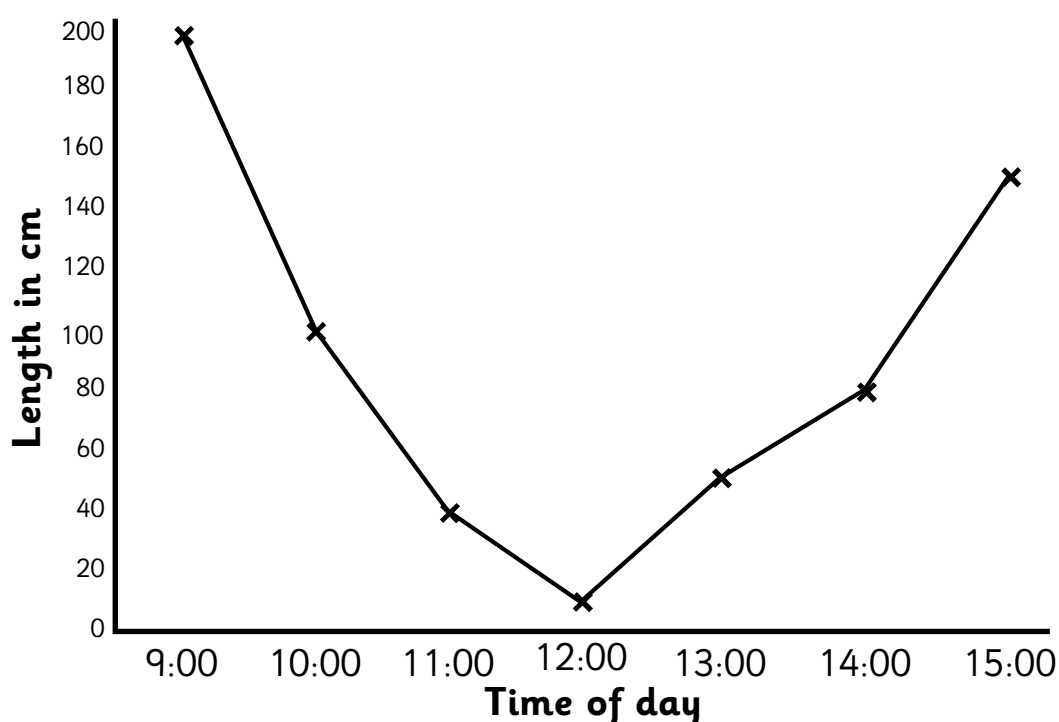
- 1) When did the length of the shadow reach:
a) 40 cm? b) 80 cm? c) 2 m? d) 1 m? e) 150 cm?
- 2) What is the change in length between 13:00 and 15:00?
- 3) At which point of the day is the shadow the longest?
- 4) Why does the graph make this shape?
- 5) What is the approximate height at:
a) 12:00? b) 13:30? c) 10:30? d) 14:30?

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