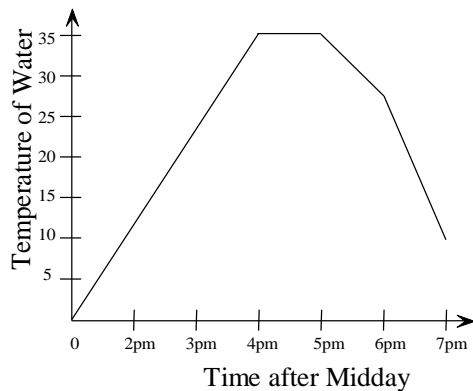


Grade 7 Maths Worksheet

Functional relationships – graphs

Questions:

1. The graph below represents the temperature of the water in a spa bath as measured from midday, when the bath was switched on, up to 7pm.



Which description best fits the trend in the graph from 5pm to 6pm?

- A) The temperature is constant
- B) The temperature is increasing
- C) The temperature is 35°
- D) The temperature is decreasing

Grade 7 Maths Worksheet

Solution

1. Between the times 5 – 6 pm, the temperature starts at 35 degrees at 5pm and then at 6pm it is 25 degrees. So there is a decrease in the temperature. So the answer is (D).

Interpreting the graph of a given relationship between variables is a skill that is needed for various other disciplines. Learners must be able to interpret specific points on a graph, and also describe various trends.

Appendix of Assignment Tools

Graphs of functional relationships

Increasing/Decreasing trends