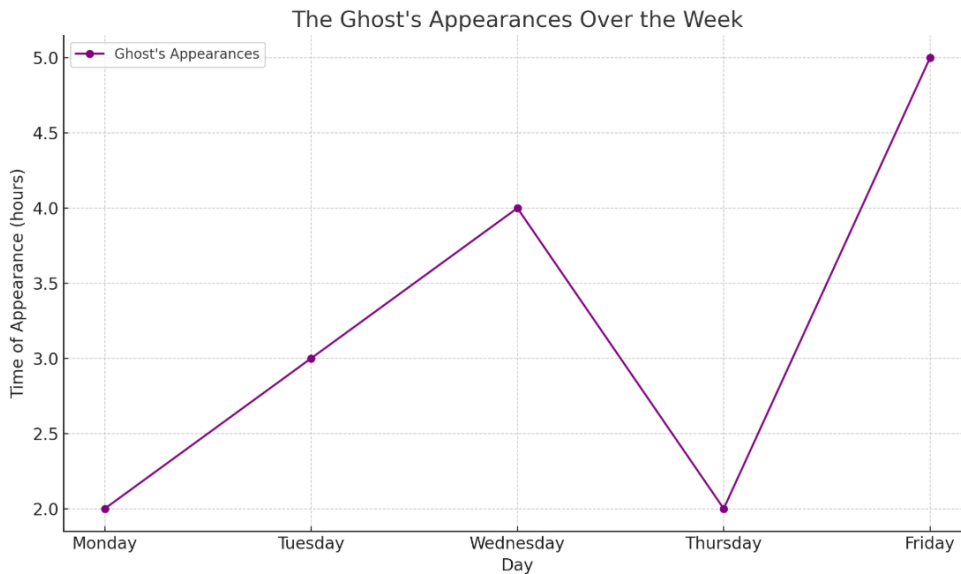


MATHS
YEAR 4
STATISTICS

NC. Objective: To interpret and present data using appropriate graphical methods including bar charts and time graphs.

1. The time graph below shows the times the ghost of Hamlet's father appeared on each weekday.



- a) On which day did the ghost appear for the longest?
 b) How much time did the ghost appear in total?
 c) How much longer did the ghost appear on Friday in comparison to Tuesday?
2. Hamlet gives many soliloquies across the different acts of the play. The duration of each soliloquy is recorded in the table below.

Soliloquy	Act	Duration (minutes)
1	1	5
2	2	8
3	3	6
4	4	7
5	5	10

- a) Which soliloquy is the longest?
 b) What is the total time spent by Hamlet on soliloquys?
 c) In which act does the shortest soliloquy occur?

3. The number of actors needed to perform in each act of Hamlet is shown below:

Act	Number of Actors
1	6
2	8
3	5
4	7
5	9

- Draw a bar chart to show the number of actors in each act.
- Which act has the most actors?
- How many actors in total are needed to perform across all acts?
- What is the sum of the number of actors needed in acts 4 and 5?

