

Plotting a time graph

Answer sheet

Pam filled a bird feeder with seed at 4pm on Sunday. The mass of the full bird feeder was 600g. Every day at 4pm, she weighed the feeder to calculate how much seed had been eaten. This table shows her results.

Use the information to plot a time graph on the following page.

Day	Total mass of feeder and bird seed (grams)
Sunday (when full)	600
Monday	530
Tuesday	440
Wednesday	280
Thursday	250
Friday	130

Find the difference between the starting mass and the final mass recorded.

470g

What mass of seed was eaten in the first three days?

320g

Use the graph to find the day on which the least amount of seed was eaten.

Thursday

If the mass of the feeder was 100g, how much seed was left on Friday?

30g

Answer sheet

