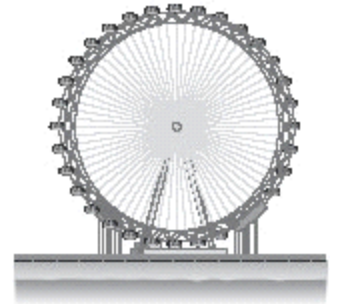
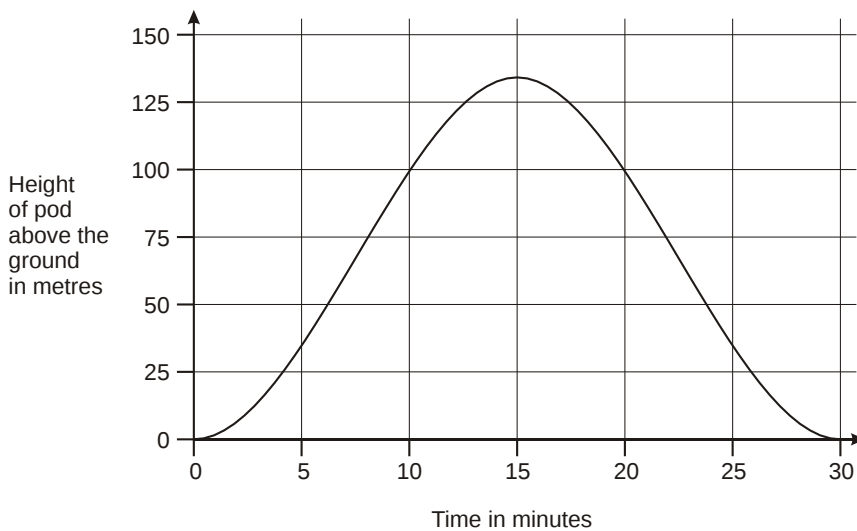


1) The London Eye is a big wheel with pods to carry passengers.

It takes 30 minutes for the wheel to make a complete turn.

This graph shows the height of a pod above the ground as the wheel turns.



How long from the start does it take the pod to reach a height of 75 metres?



minutes

How many metres above the ground is the pod at its highest point?



m

2) This graph shows the number of people living in a town.

Look at the graph.

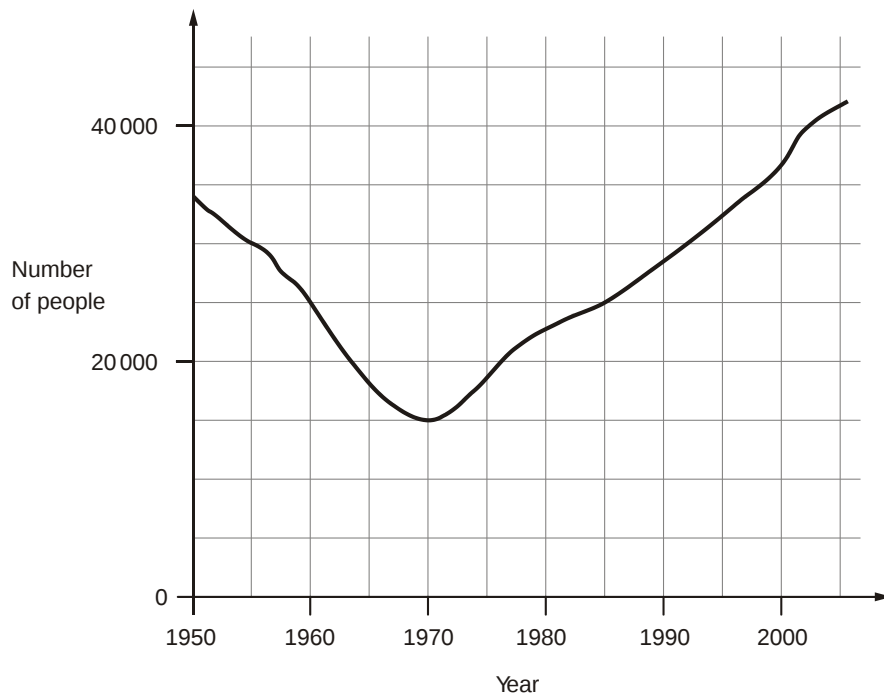
How many people lived in the town in 1985?



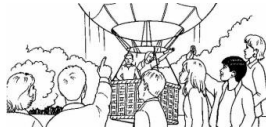
In which year was the number of people the same as in 1950?



Find the year when the number of people first went below 20 000



3) This graph shows the height of a balloon at different times.



From the graph, find the height of the balloon at 50 seconds.



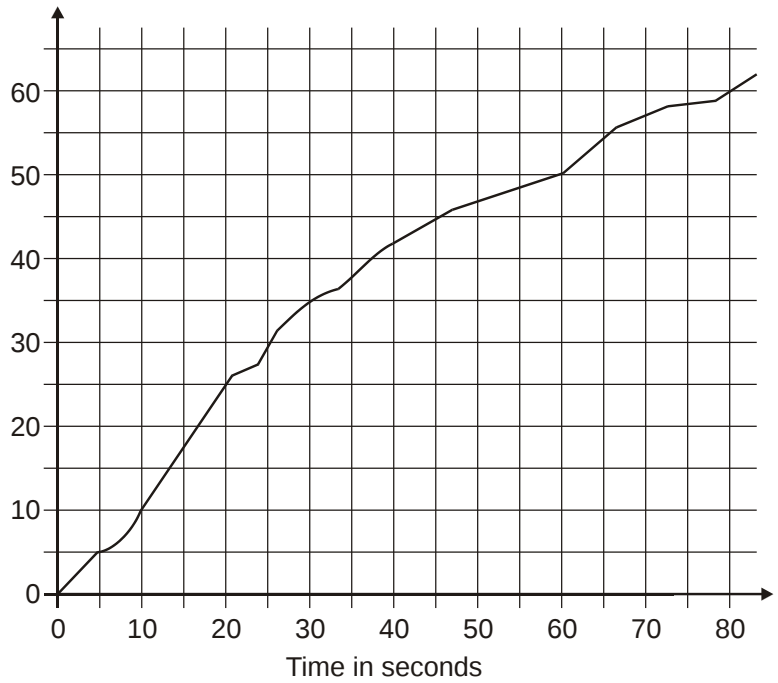
m

Use the graph to find out how long it took the balloon to rise from 30 metres to 60 metres.



seconds

Height in metres



4) This graph shows the cost of phone calls in the daytime and in the evening.

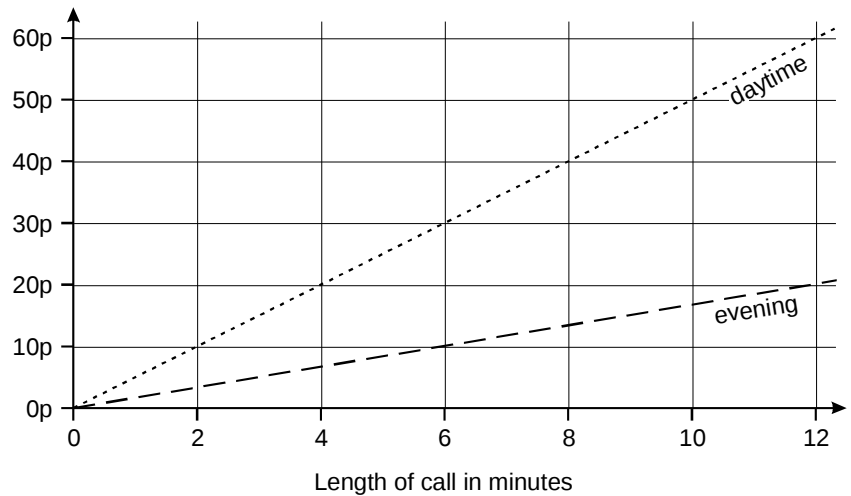


How much does it cost to make a **9 minute** call in the **daytime**?



p

Cost of call



How much **more** does it cost to make a **6 minute** call in the **daytime** than in the **evening**?



p

5) This graph shows how the weight of a baby changed over twelve months.

From the graph, what was the weight of the baby at **10 months**?

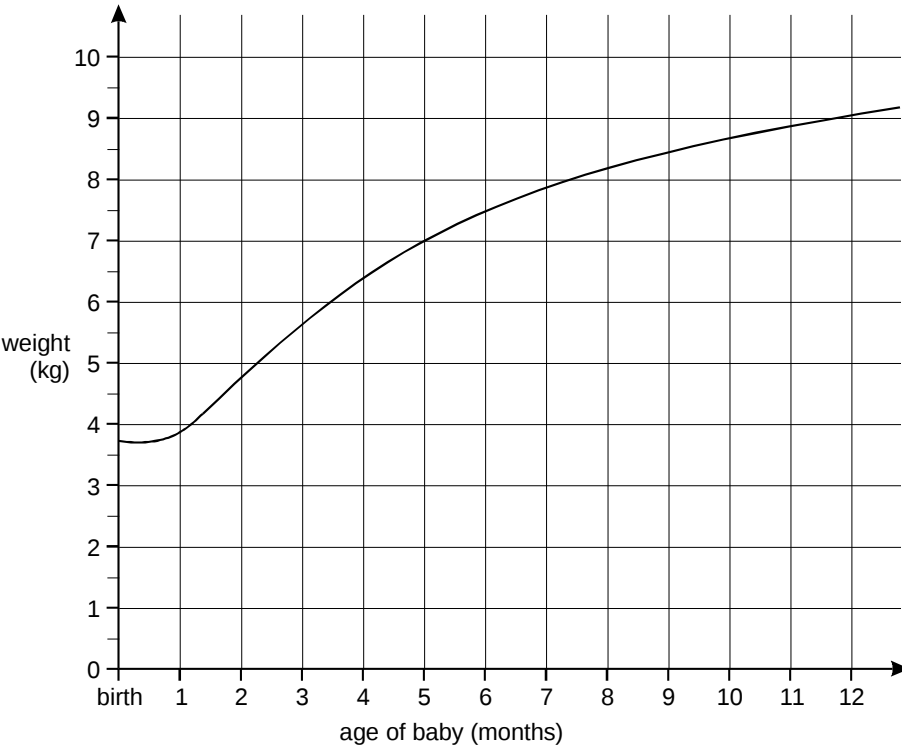


kg

How much **more** did the baby weigh at 5 months than at birth?



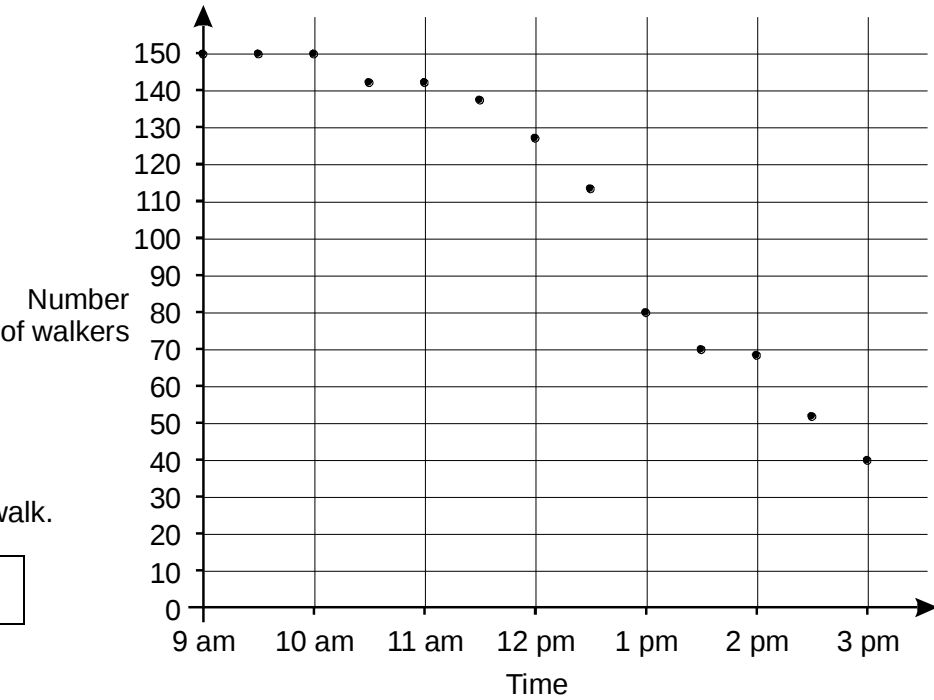
kg



6) **150 people** take part in a walk.

This chart shows the number of people still walking at different times.

Use the chart to estimate the **time** when **two-thirds of the people** are still on the walk.



What **percentage** of the people who started are **still on the walk at 3pm**?



Show your **method**. You may get a mark.

%

7) A hot liquid is left to cool in a science experiment.

This graph shows how the temperature of the liquid changes as it cools.

Read from the graph **how many minutes** it takes for the temperature to reach **40°C**

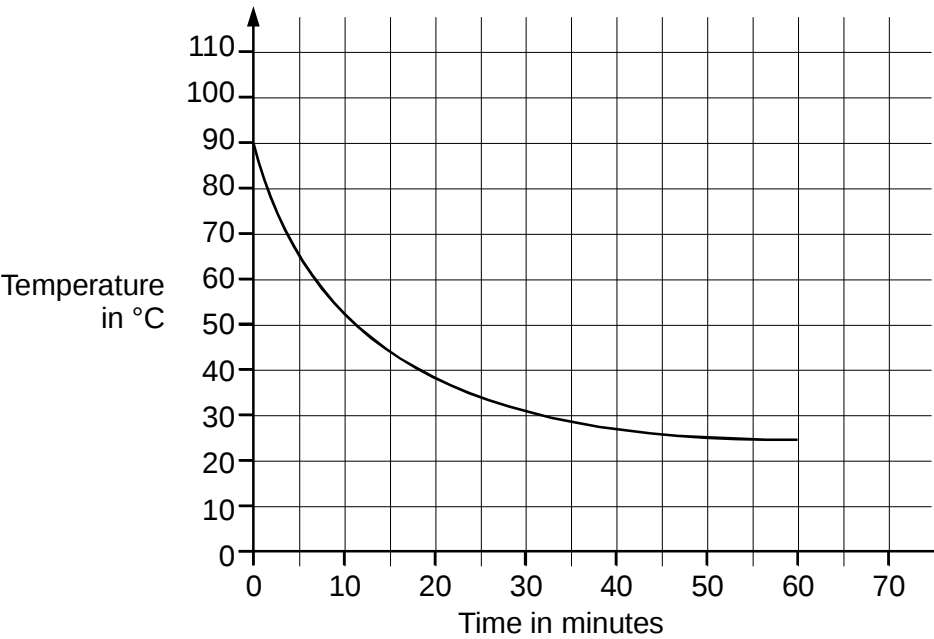


minutes

Read from the graph **how many minutes** the temperature is **above 60°C**



minutes



8) This is a graph of a firework rocket, showing its height at different times.

Estimate from the graph for how many seconds the rocket is **more than 20 metres** above the ground.



seconds

Estimate from the graph how many metres the rocket falls in the **last second** of its flight.



m

