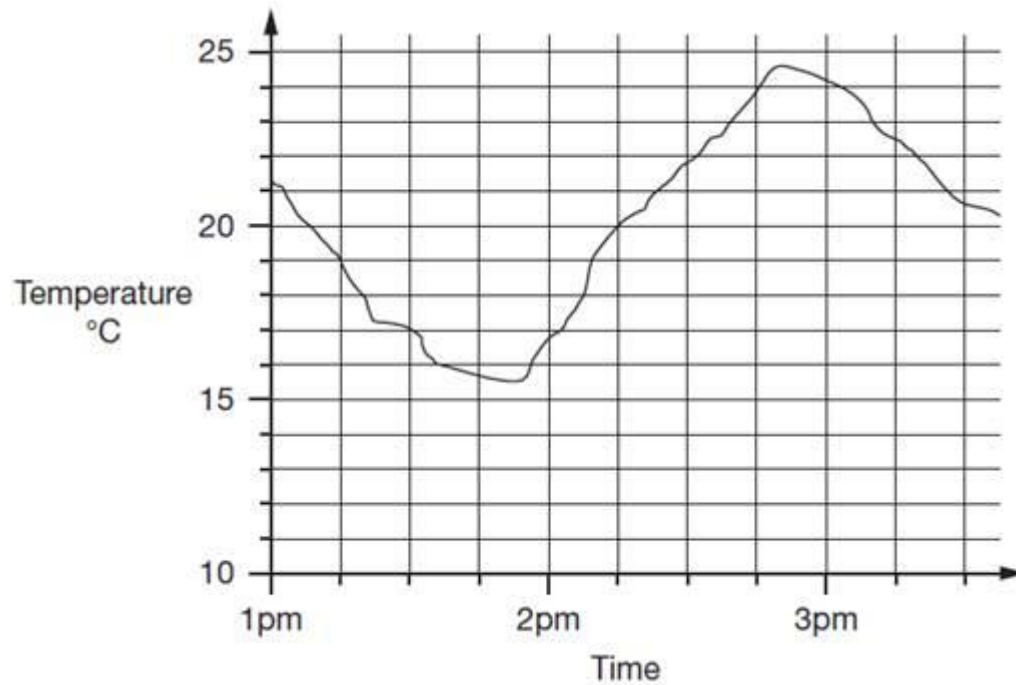


Q1.

This graph shows how the temperature changed in Liam's room one afternoon.



Estimate the temperature at 3:15pm.

°C

1 mark

Estimate the time when the temperature was highest.

pm

1 mark

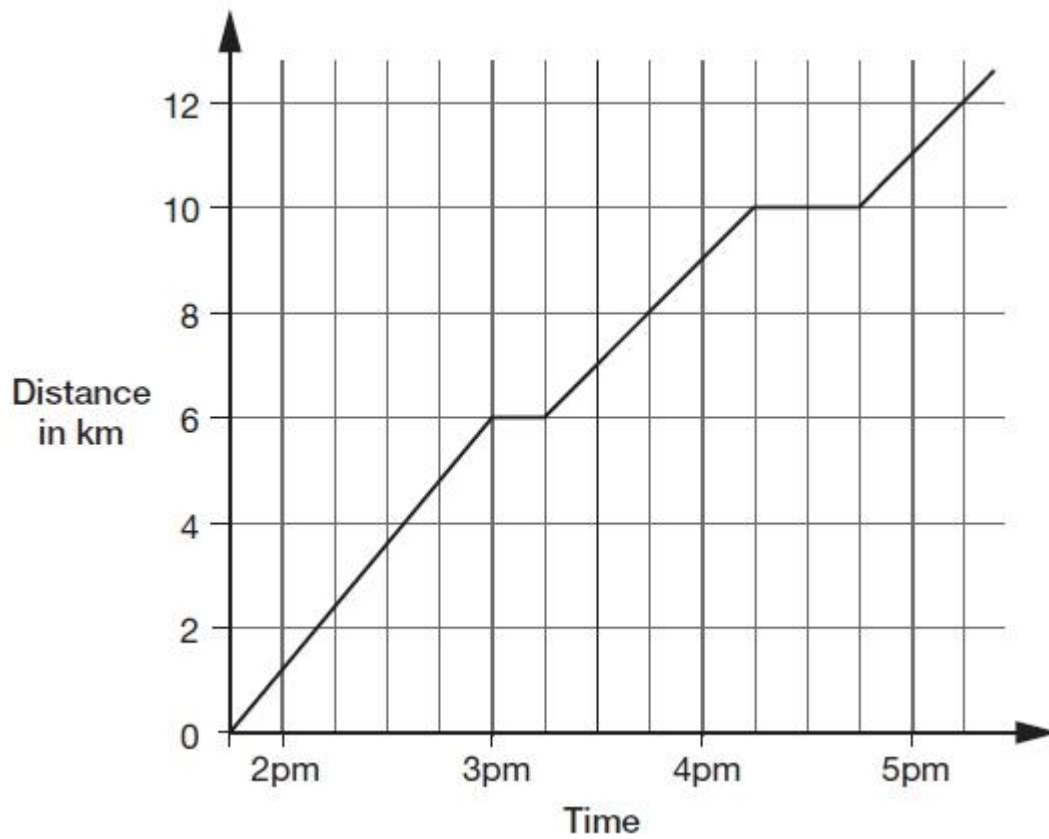
How much did the temperature change from 2pm to 2:30pm? Give your answer to the nearest degree.

degrees

1 mark

Q2.

This graph shows the distance Alfie and Chen walked in an afternoon. They started at 1:45pm and had two breaks.



How many kilometres did they walk **between** the first and second breaks?

km

1 mark

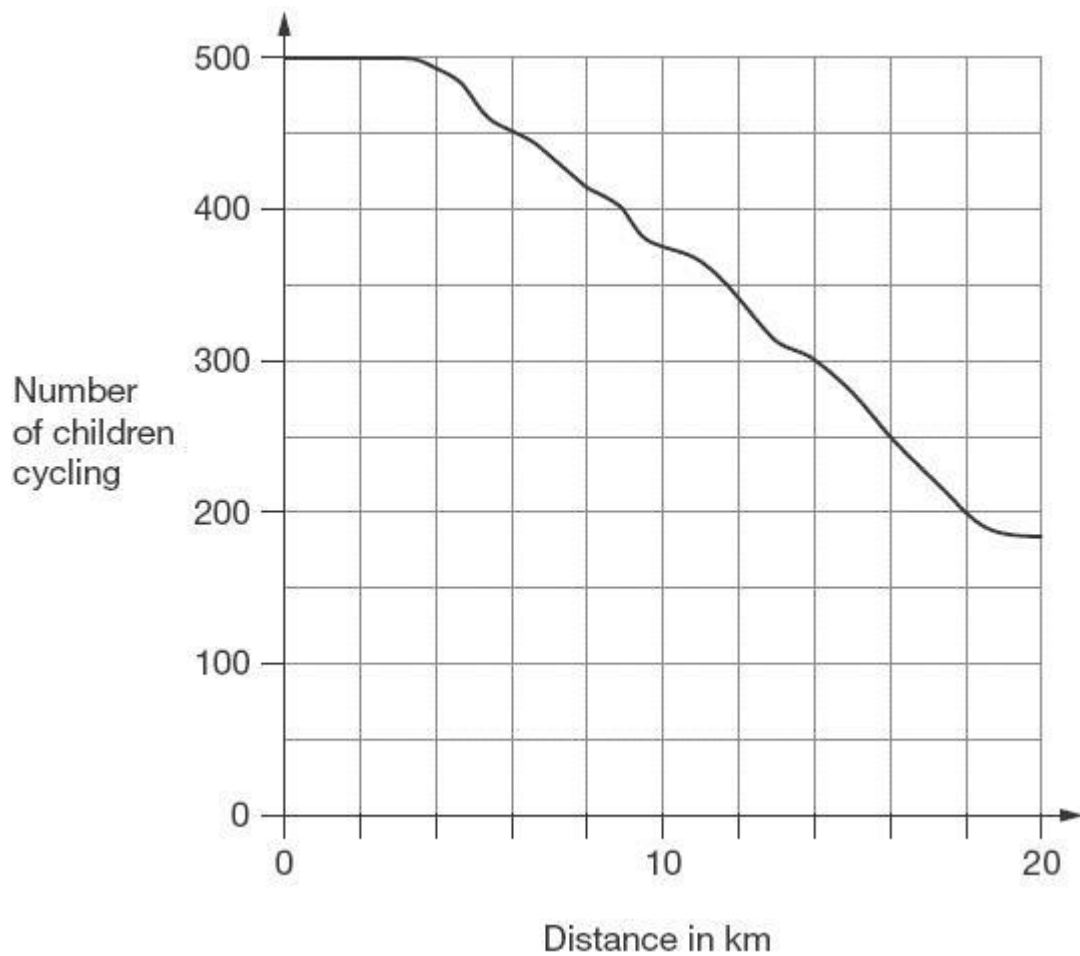
At what time did Alfie and Chen start their second break?

1 mark

Q3.

500 children started a 20 kilometre sponsored cycle ride.

This graph shows how far they cycled.



At what distance were exactly half of the children still cycling?

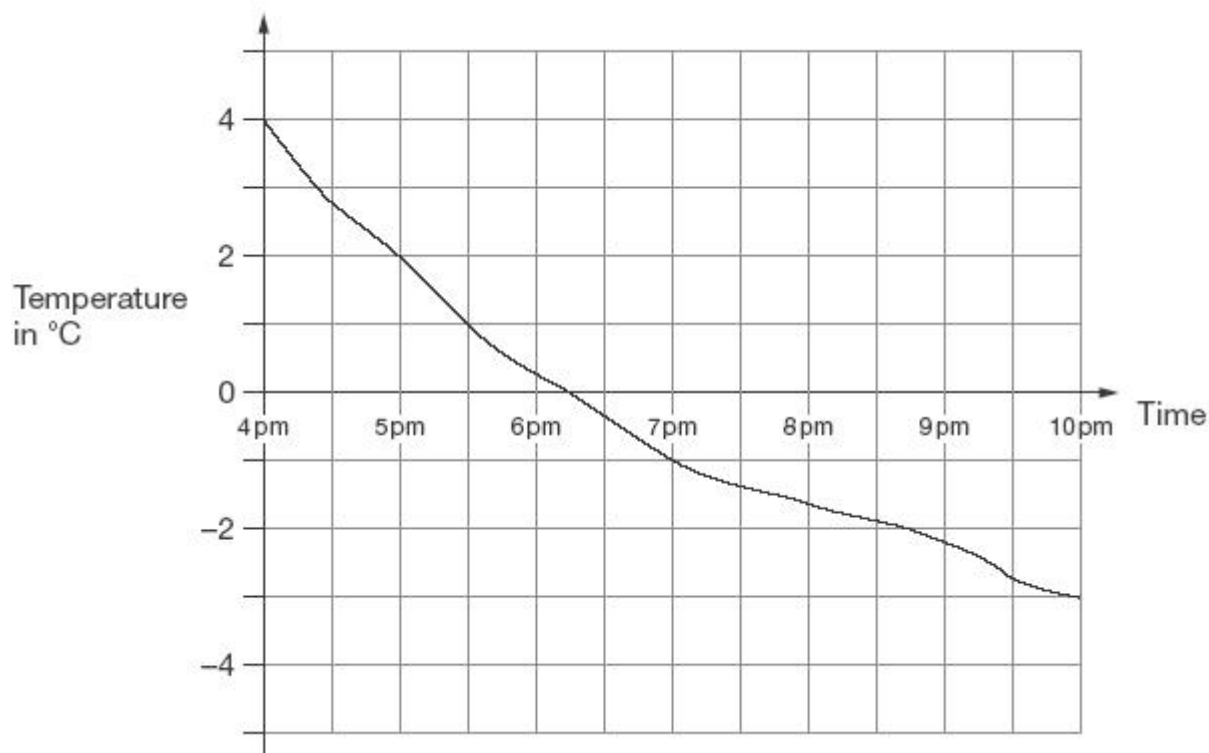
1 mark

Estimate how many children completed the 20 kilometre cycle ride.

1 mark

Q4.

This graph shows the outside temperature from 4pm to 10pm on a day in winter.



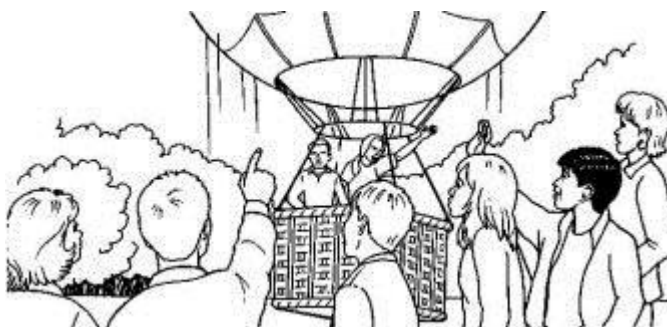
At what time was the temperature -2°C ?

1 mark

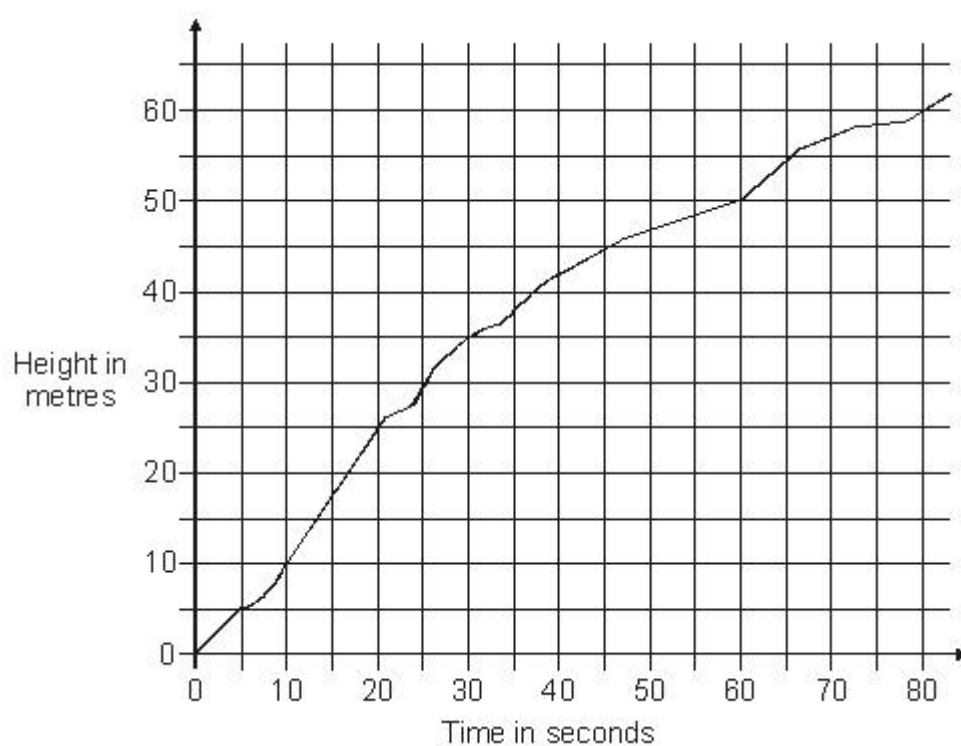
How many degrees did the temperature drop from 5pm to 7pm?

1 mark

Q5.



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



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

m

1 mark

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

seconds

1 mark

Mark schemes

Q1.

- (a) Accept answers in the range 22.2 to 22.8 exclusive.

Do not accept 22.2 or 22.8

1

- (b) Accept answers in the range 2:48pm to 2:52pm inclusive.

The answer is a specific time.

1

- (c) 5

1

[3]

Q2.

- (a) 4 km

1

- (b) 4:15pm

The answer is a specific time

1

[2]

Q3.

- (a) 16

1

- (b) A whole number in the range 180 to 190 inclusive

1

[2]

Q4.

- (a) Answer in the range of 8:40pm to 8:50pm inclusive

The answer is a specific time

1

- (b) 3

Do not accept -3

1

Q5.

- (a) Answer in the range 46 m to 47 m inclusive

1

- (b) 55

1

[2]