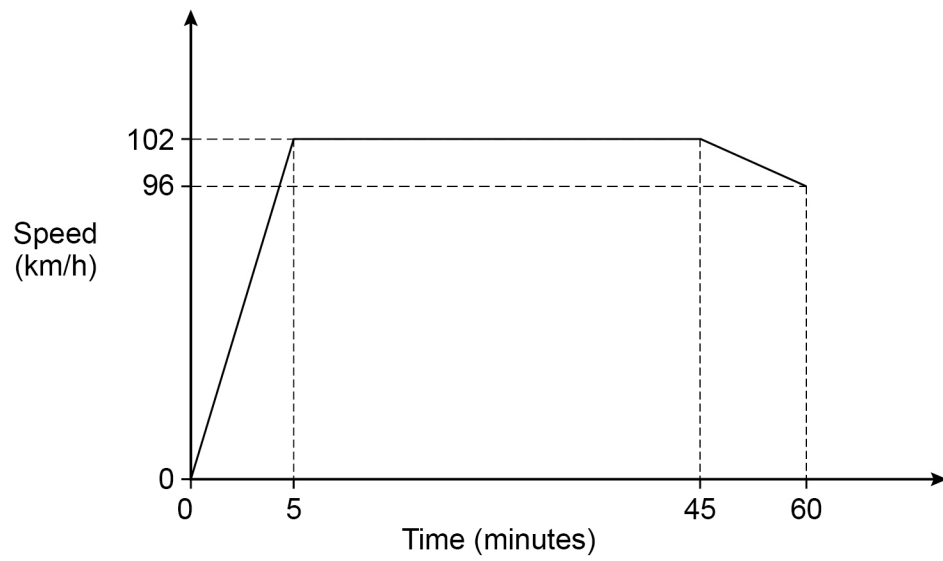**1**   Here is a sketch of a speed-time graph for the first part of a journey.

The total distance for the journey is 130 kilometres.

How far is left to travel?

[4 marks]

Answer _____ km

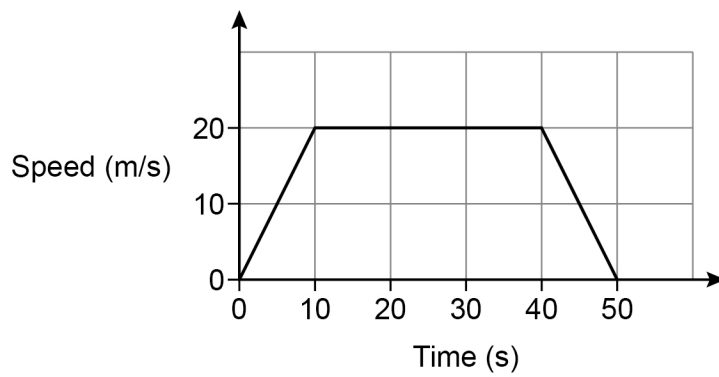**2**   Here is the speed-time graph for a 50-second journey.

2 (a)   Circle the acceleration, in m/s^2, halfway through the journey.

[1 mark]

0   2   20   25

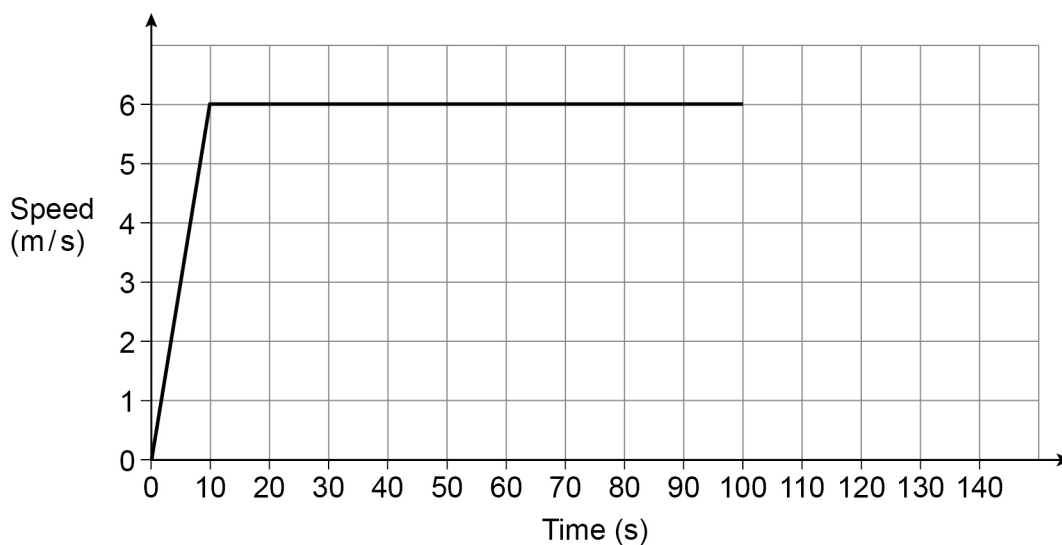**2 (b)**   Work out the total distance travelled.

[2 marks]

Answer _____ m

3   Helena ran an 800-metre race in 140 seconds.

The speed-time graph represents the first 100 seconds of her run.

Helena ran the last 40 seconds with constant deceleration.

Work out her speed as she finished the race.

[4 marks]

Answer _____ metres per second