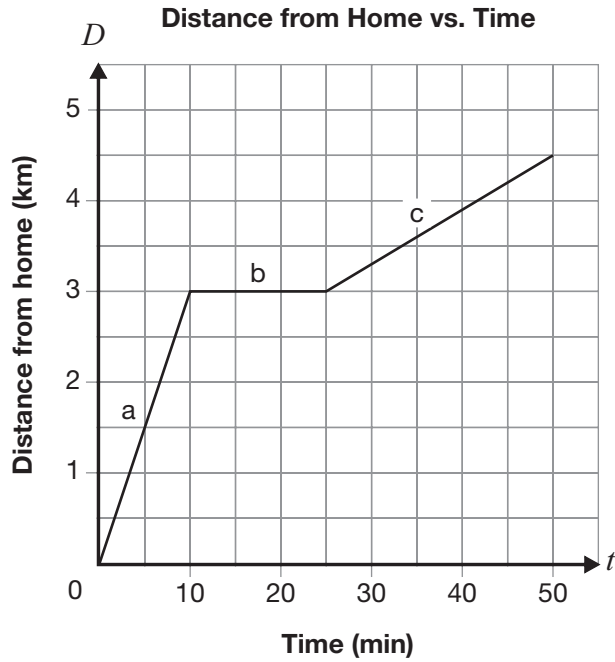


**14 Kenny’s Big Adventure**

The following graph represents the relationship between Kenny’s distance from home on a bike ride and time.

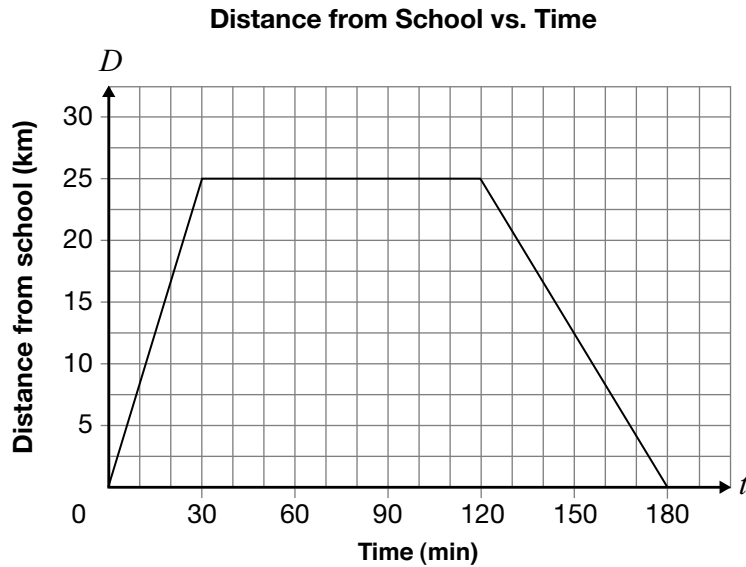


Describe the 3 segments of Kenny’s ride. Include information about distance travelled, time, direction and speed, in km/min, for each segment.

Segment	Distance travelled	Time	Direction	Speed (km/min)
a				
b				
c				

**9 Dogs Versus Cats**

The Bryant Bulldogs basketball team takes the bus to play the Jordan High Thundercats.

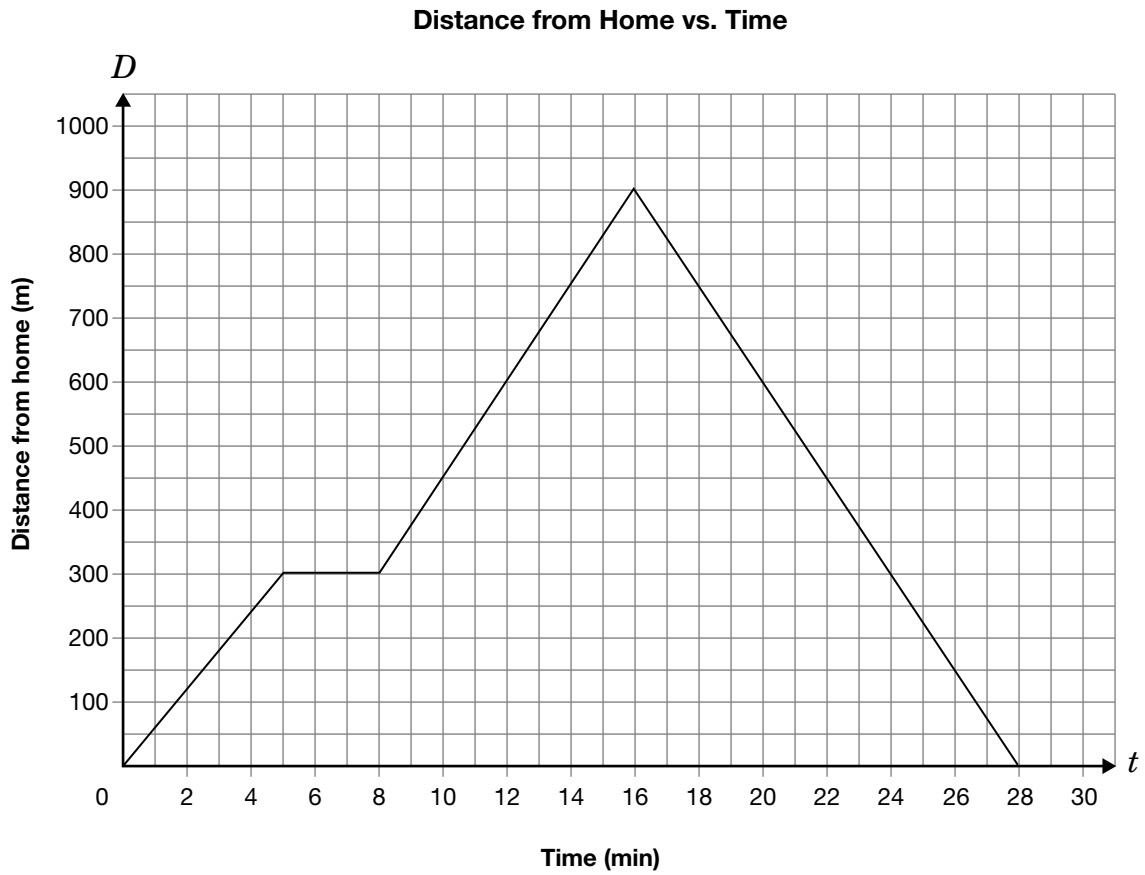


Describe the three parts of the Bulldogs' bus trip, using the information on the graph.

Include information about distance, time, direction and speed in kilometres per minute for each section of the graph.

**10 Selena’s Stroll**

The graph below represents 4 segments of Selena’s morning walk.



Describe the four segments of Selena’s walk.

**Hint**  
 Include information about

- direction,
- distance,
- time and
- speed, in m/min.

3. Alicia and Buster walked in front of a motion detector. The graph below shows the relationship between the distance from the detector,  $d$ , in metres, and time,  $t$ , in seconds.

When was Buster moving faster than Alicia? **Give reasons for your answer.**

