

## SECTION B

Answer ALL questions in the spaces provided.

- 11 The photograph shows children on a roundabout in a playground.



(Source: © Juice Flair/Shutterstock)

The roundabout is a flat platform with bars. The children make the platform rotate by running on the ground whilst pushing on the bars.

It takes 12 s for the roundabout to make 2 complete rotations.

A child is standing on the platform 1.8 m from the centre of the roundabout.

Calculate the speed of the child.

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Speed of child = .....

(Total for Question 11 = 3 marks)