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A ball moves in a straight line and passes through two fixed points, A and B , which are 0.5 m apart.

The ball is moving with a constant acceleration of 0.39 m s^{-2} in the direction AB .

The speed of the ball at A is 1.9 m s^{-1}

Find the speed of the ball at B .

Circle your answer.

[1 mark]

2 m s^{-1}

3.2 m s^{-1}

3.8 m s^{-1}

4 m s^{-1}