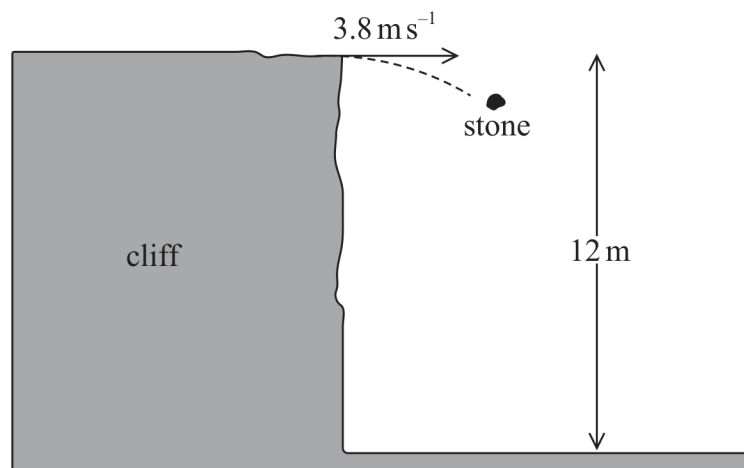**SECTION B**

Answer ALL questions in the spaces provided.

11 A stone is projected horizontally from a cliff.

The initial horizontal velocity of the stone is $3.8\,\mathrm{m\,s^{-1}}$.

The initial height of the stone is $12\,\mathrm{m}$, as shown.

Calculate the horizontal distance from the bottom of the cliff to where the stone hits the ground.

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Horizontal distance = ...

(Total for Question 11 = 3 marks)