

- 2 When poured from a pipe, concrete is formed into the shape of a cuboid with a square base of side x and with a height of $3x$

The volume of the cuboid increases at a constant rate of $8 \text{ m}^3/\text{s}$

Find the rate of increase, in m/s , of x when $x = 2$ metres.

(6)

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Question 2 continued

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(Total for Question 2 is 6 marks)

