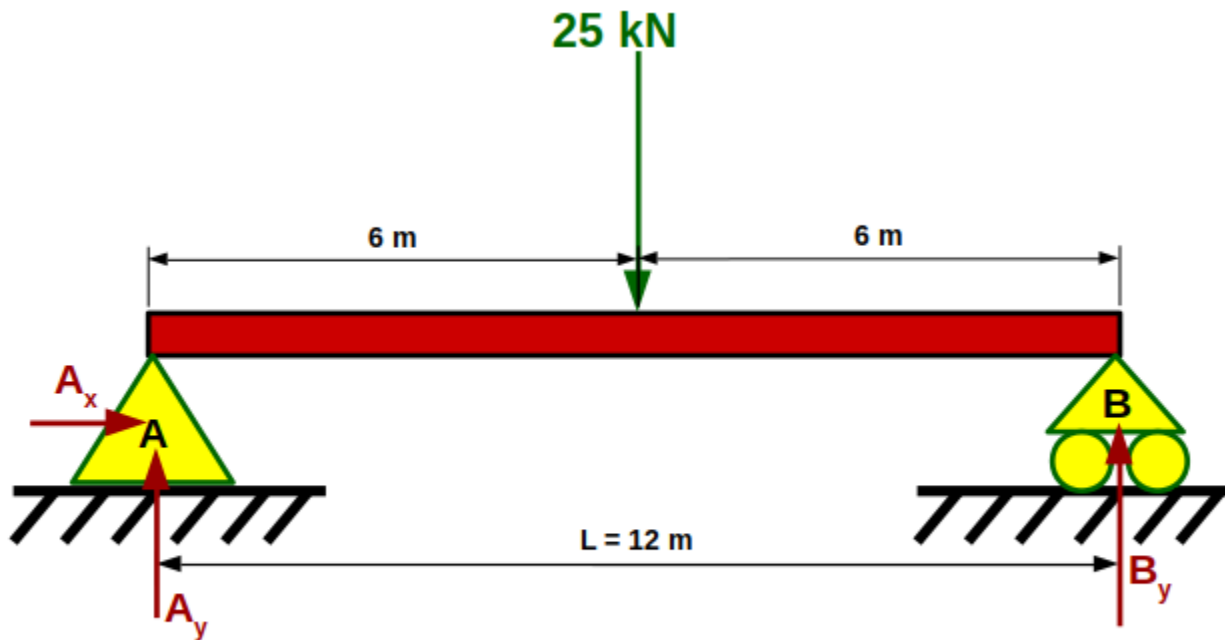


Date: 9th October 2018

This simply supported beam is supported by a pin at A, a roller at B, and has a point load at the midspan, find the reactions at A and B.



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Answers (refer to solutions for detail)

$$A_x = 0$$

$$A_y = 12.5\text{ kN}$$

$$B_y = 12.5\text{ kN}$$