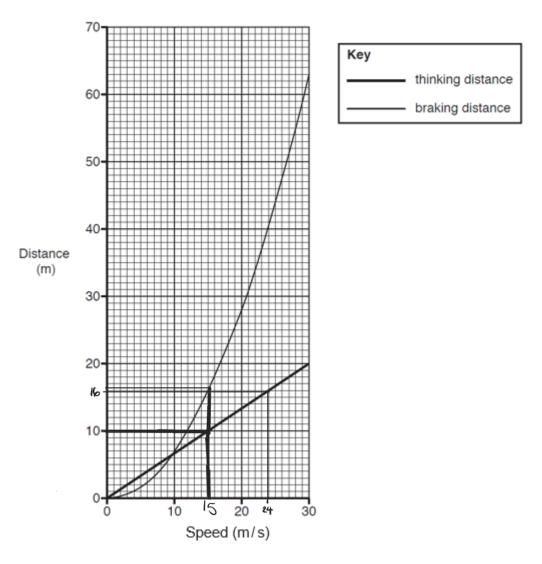


GCSE Physics A (Gateway) J249/04 Physics A P5-P8 and P9 (Higher Tier)

Question Set 7

1 The graph shows thinking and braking distances for a car at different speeds.



(a) (i) Describe how thinking distance varies with increasing speed.

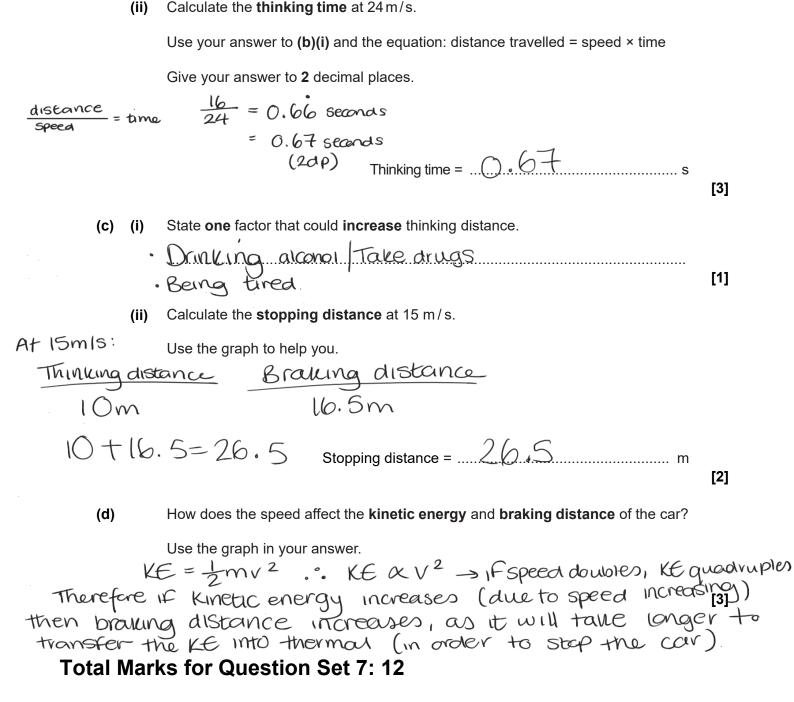
Use data from the graph in your answer.

As speed increases, thinking distance increases.

Thinking distance and speed is directly proportional -> kinear graph going through the [2]

(b) (i) Use the graph to find the thinking distance at 24 m/s.

[1]





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