



HeMantra EduTech

Math : Races

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Q. 1)

In a km race, A beats B by 28 metres or 7 seconds. Then, find A's time over the course.

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Q. 2)

A runs $1\frac{3}{4}$ times as fast as B. If A gives B a start of 84 m, how far the winning post be so that A and B might reach it at the same time?

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Q.3)

A can run 1 km in 3 min 10 sec and B can cover the same distance in 3 min 20 sec. By what distance can A beat B?

(Railways, 2005)

1. 100 m 2. 200 m 3. 300 m 4. 400 m

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Q. 4)

In a 100 m race, A beats B by 25 m and B beats C by 4 m. In the same race, find the distance by which A beats C.

Q.5)

In a 100 m race, A runs at 8 km per hour. If A gives B a start of 5 m and still beats him by 15 seconds, what is B's speed?

Q.6)

A, B and C are three contestants in a km race. If A can give B a start of 40 m and A can give C a start of 64 m, how many metres start can B give C?

Q.7)

In a 100 m race for children, A runs at 1.66 m/s. If A gives B a start of 4m and still beats him by 12 seconds, what is B's speed?

(C.P.O., 2007)