

EduSahara[™] Assignment

Name : Inverse Proportion Chapter : Direct and Inverse Proportions Grade : SSC Grade VIII License : Non Commercial Use

- 1. A train from Calcutta travelling at a speed of 22kmph reaches Chennai in 10hr. If the train should reach Chennai in 4hr, what should be its speed?
 - (i) 56 kmph (ii) 55 kmph (iii) 57 kmph (iv) 53 kmph (v) 54 kmph
- A train from Calcutta travelling at a speed of 170kmph reaches Chennai in 2hr. If the train travels at the speed of 68kmph, what is the time taken to reach Chennai?

(i) 6 hr (ii) 5 hr (iii) 4 hr (iv) 3 hr (v) 7 hr

3. If a train covers a certain distance at a speed of 3.43 m/sec in 48.05 sec, what should be the speed to cover the same distance in 35.48 sec?

(i) 3.65 m/sec (ii) 4.65 m/sec (iii) 6.65 m/sec (iv) 2.65 m/sec (v) 5.65 m/sec

4. A train covers a certain distance at a speed of 3.80 m/sec in 33.67 sec. If it travels at 10.94 m/sec, in what time it covers the same distance ?

(i) 13.70 sec (ii) 11.70 sec (iii) 9.70 sec (iv) 12.70 sec (v) 10.70 sec

A certain number of men can do a work in 12 days.

5. If there were 15 men less, it would take 6 days more to complete the work. How many men are required to complete the work in 54 days?

(i) 10 (ii) 11 (iii) 13 (iv) 8 (v) 9

Assignment Key				
1) (ii)	2) (ii)	3) (ii)	4) (ii)	5) (i)

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