

**EduSahara™ Learning Center Assignment**

**Grade** : Class VIII, CBSE  
**Chapter** : Direct and Inverse Proportions  
**Name** : Inverse Proportion  
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1. A train from Calcutta travelling at a speed of 34kmph reaches Chennai in 10hrs. If the train should reach Chennai in 2hrs, what should be its speed?  
(i) 169 kmph (ii) 171 kmph (iii) 172 kmph (iv) 168 kmph (v) 170 kmph
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2. A train from Calcutta travelling at a speed of 20kmph reaches Chennai in 16hrs. If the train travels at the speed of 20kmph, what is the time taken to reach Chennai?  
(i) 15 hrs (ii) 17 hrs (iii) 14 hrs (iv) 16 hrs (v) 18 hrs
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3. If a train covers a certain distance at a speed of 4.72 m/sec in 23.72 sec, what should be the speed to cover the same distance in 22.15 sec?  
(i) 5.05 m/sec (ii) 6.05 m/sec (iii) 3.05 m/sec (iv) 4.05 m/sec (v) 7.05 m/sec
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4. A train covers a certain distance at a speed of 5.64 m/sec in 45.44 sec. If it travels at 16.27 m/sec, in what time it covers the same distance ?  
(i) 16.75 sec (ii) 17.75 sec (iii) 13.75 sec (iv) 15.75 sec (v) 14.75 sec
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## Assignment Key

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- 1) (v)
- 2) (iv)
- 3) (i)
- 4) (iv)