EduSahara™ Assignment

Name : Word Problems on Pair of Linear Equations

Chapter : Pair of Linear Equations in Two Variables

Grade : CBSE Grade X

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1. A motor boat can travel at a speed of 28.13 m/sec downstream and 8.73 m/sec upstream. What is the speed of the motor boat in still water?

   (i) 18.43 m/sec (ii) 19.43 m/sec (iii) 20.43 m/sec (iv) 16.43 m/sec (v) 17.43 m/sec

2. A motor boat can travel at a speed of 28.88 m/sec downstream and 5.70 m/sec upstream. What is the speed of the stream?

   (i) 12.59 m/sec (ii) 9.59 m/sec (iii) 10.59 m/sec (iv) 13.59 m/sec (v) 11.59 m/sec

3. 6 men and 1 women can do a piece of work in 12 days.
   4 men and 5 women can do the same work in 15 days.
   In how many days can 2 men and 5 women complete the same work?

   (i) $25\frac{5}{31}$ days (ii) $25\frac{5}{33}$ days (iii) $25\frac{7}{31}$ days (iv) $25\frac{5}{29}$ days (v) $25\frac{3}{31}$ days

Assignment Key

1) (i) 2) (v) 3) (i)

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