

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 53.18 m/sec downstream and 9.30 m/sec upstream. What is the speed of the motor boat in still water?

(i) 31.24 m/sec (ii) 33.24 m/sec (iii) 30.24 m/sec (iv) 29.24 m/sec (v) 32.24 m/sec

2. A motor boat can travel at a speed of 37.50 m/sec downstream and 15.26 m/sec upstream. What is the speed of the stream?

(i) 11.12 m/sec (ii) 13.12 m/sec (iii) 12.12 m/sec (iv) 9.12 m/sec (v) 10.12 m/sec

12 men and 5 women can do a piece of work in 9 days.

- 3. 1 men and 1 women can do the same work in 60 days. In how many days can 2 men and 4 women complete the same work?
 - (i) $16\frac{36}{37}$ days (ii) $17\frac{1}{39}$ days (iii) $17\frac{1}{37}$ days (iv) $17\frac{1}{35}$ days (v) $17\frac{3}{37}$ days

Assignment Key			
1) (i)	2) (i)	3) (iii)	

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