

EduSahara™ Learning Center Assignment**Grade : Class X, CBSE****Chapter : Pair of Linear Equations in Two Variables****Name : Word Problems on Pair of Linear Equations**

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1. A motor boat can travel at a speed of 17.77 m/sec downstream and 1.83 m/sec upstream. What is the speed of the motor boat in still water?

(i) 10.80 m/sec (ii) 8.80 m/sec (iii) 11.80 m/sec (iv) 7.80 m/sec (v) 9.80 m/sec

2. A motor boat can travel at a speed of 16.76 m/sec downstream and 4.70 m/sec upstream. What is the speed of the stream?

(i) 6.03 m/sec (ii) 4.03 m/sec (iii) 7.03 m/sec (iv) 5.03 m/sec (v) 8.03 m/sec

45 men and 8 women can do a piece of work in 4 days.

3. 1 men and 1 women can do the same work in 48 days.

In how many days can 3 men and 3 women complete the same work?

(i) 14 days (ii) 18 days (iii) 16 days (iv) 15 days (v) 17 days

Assignment Key

- 1) (v)
- 2) (i)
- 3) (iii)