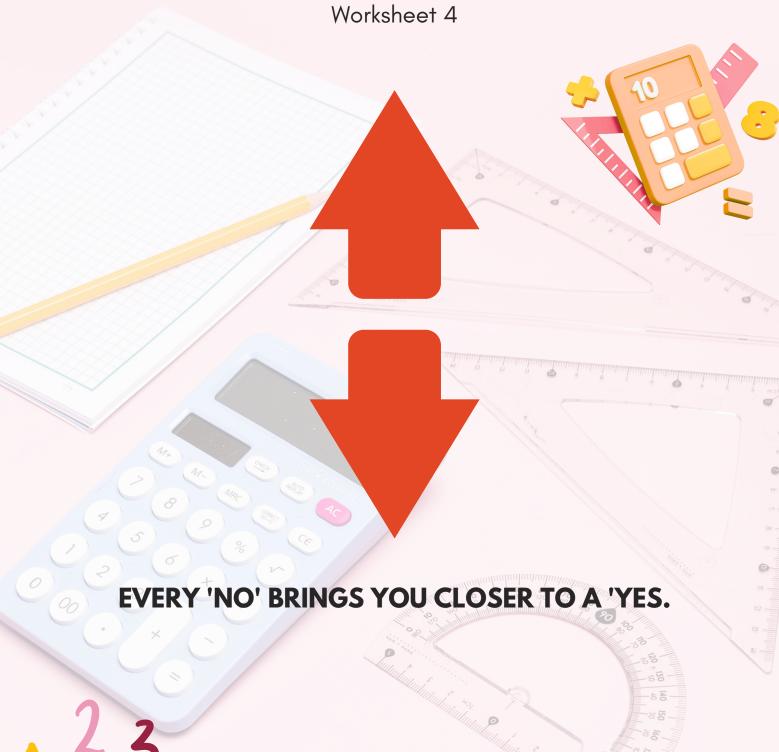


DIRECT & INVERSE PROPORTION



	distance upstream in 5 ho amer in still water.	ours. If the speed of the st	ream is 2 km/h. find the
A. 16 KMPH	B. 17 KMPH	С. 18 КМРН	D. 20 KMPH
•	a metro train is 54 km/hr c km/hr then for how many i		• •
A. 9	B. 10	C. 20	D. 11
	50 litres contains 60% of r ove solution such that the		ow much water must be s 50% of water (in Litres) ?
A. 60	B. 80	C. 20	D. 30
	and B can fill a tank in 36 h eously, how much time wi		tively. If both the pipes are
A. 20 hours	B. 18 hours	C. 25 hours	D. 19 hours
	tains milk and water in the comes 5:2. Find the quant	•	
A. 16 litres	B. 22.75 litres	C. 25 litres	D. 32.5 litres
6. A train 270 m	B. 22.75 litres long is moving with a spec	ed of 25 km/hr. In what ti	me will it cross a man
6. A train 270 m	long is moving with a spe	ed of 25 km/hr. In what ti speed of 2 km/hr in whic	me will it cross a man
6. A train 270 m coming from the A. 36 sec	long is moving with a spec	ed of 25 km/hr. In what ti speed of 2 km/hr in whic C. 28 sec	me will it cross a man th the train is moving?
6. A train 270 m coming from the A. 36 sec 7. Read the state Statement-1: The on it. If a weight	long is moving with a spec opposite direction with a B. 32 sec	ed of 25 km/hr. In what ti speed of 2 km/hr in which C. 28 sec et the correct option. an elastic spring varies di extension of 2.9 cm, then the	me will it cross a man th the train is moving? D. 24 sec rectly as the weight hung
6. A train 270 m coming from the A. 36 sec 7. Read the state Statement-1: The on it. If a weight produce an external state of the state	long is moving with a special opposite direction with a B. 32 sec ements carefully and selection amount of extension in of 150 gm produces an extension in the second seco	ed of 25 km/hr. In what ti speed of 2 km/hr in which C. 28 sec et the correct option. an elastic spring varies di extension of 2.9 cm, then the	me will it cross a man the the train is moving? D. 24 sec rectly as the weight hung he weight that would
6. A train 270 m coming from the A. 36 sec 7. Read the state Statement-1: The on it. If a weight produce an exte	long is moving with a speciopposite direction with a B. 32 sec ements carefully and selection amount of extension in of 150 gm produces an expension of 17.4 cm is 900 gm	ed of 25 km/hr. In what till speed of 2 km/hr in which can be correct option. an elastic spring varies diextension of 2.9 cm, then the correct option.	me will it cross a man the the train is moving? D. 24 sec rectly as the weight hung he weight that would
6. A train 270 m coming from the A. 36 sec 7. Read the state Statement-1: The on it. If a weight produce an exte Statement-2: x A. Both Statement	long is moving with a spectopposite direction with a B. 32 sec ements carefully and selection are amount of extension in of 150 gm produces an extension of 17.4 cm is 900 gm and y vary directly means	ed of 25 km/hr. In what till speed of 2 km/hr in which can be considered as the correct option. an elastic spring varies distression of 2.9 cm, then the correct option. If x increases then y decrease true.	me will it cross a man the the train is moving? D. 24 sec rectly as the weight hung he weight that would
6. A train 270 m coming from the A. 36 sec 7. Read the state Statement-1: The on it. If a weight produce an exte Statement-2: x A. Both Statement	long is moving with a spectopposite direction with a B. 32 sec ements carefully and selection are amount of extension in of 150 gm produces an extension of 17.4 cm is 900 gm and y vary directly means and 1 and	ed of 25 km/hr. In what till speed of 2 km/hr in which can be considered as the correct option. an elastic spring varies distression of 2.9 cm, then the correct option. If x increases then y decrease true. If a false.	me will it cross a man the the train is moving? D. 24 sec rectly as the weight hung he weight that would



8. Manpreet took part in an interschool race competition.

He cycled 2.7 Km, ran for $\frac{2}{3}$ hour and walked the remaining 500 m of the race. If the total distance of the race was 12 km, then find his running speed.

A. 13.2 km/hr

B. 12 km/hr

C. 7.5 km/hr

D. 8.8 km/hr

9. The results of a random survey showed that 22 out of 75 people are suffering from viral fever. Which is the best prediction of the total number of people suffering from fever, if there are 3000 people in a village?

A. 2500

B. 500

C. 900

D. 2000

10. 3500 people in a village had enough food for 25 days. But some people were transferred to another village and the food lasted for 35 days. How many villagers were transferred?

A. 1500

B. 1000

C. 2500

D. 1800

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