

Name: _____

Grade: _____

Score: _____



WORKSHEET

REVISION WS-10

1. Solve for r: $\frac{(r-7)}{3} + \frac{(r+1)}{2} = 9$

- A. 13 B. 14 C. 15 D. 16

2. Solve: $8 - 5(2x - 3) = 3(4 - x)$

- A. $-\frac{11}{7}$ B. $-\frac{7}{11}$ C. $\frac{7}{11}$ D. $\frac{11}{7}$

3. Solve for s: $\frac{(2s)}{5-3} = \frac{(s)}{4+1}$

- A. 0 B. 1 C. 10 D. 11

4. Solve: $0.8(3t - 4) = 0.4(5t + 6)$

- A. 12 B. 13 C. 14 D. 15

5. 18 men can complete a construction project in 40 days. How many days will 30 men take to complete the same project?

- A. 22 days B. 24 days C. 26 days D. 28 days

6. A car traveling at a speed of 60 km/h takes 5 hours to cover a certain distance. How long will it take to cover the same distance if its speed is reduced to $50\frac{km}{h}$?

- A. 5.5 hours B. 6 hours C. 6.5 hours D. 7 hours

7. A garrison has enough food to last 200 soldiers for 45 days. After 15 days, 50 soldiers leave the garrison. For how many more days will the remaining food last the remaining soldiers?

- A. 36 days B. 38 days C. 40 days D. 42 days

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WORKSHEET

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8. Find the compound interest on ₹12,000 for 2 years at 10% per annum, compounded annually.

- A. ₹2,400 B. ₹2,520 C. ₹2,540 D. ₹2,600

9. The difference between the compound interest and the simple interest on a certain sum of money at 10% per annum for 2 years is ₹125. Find the principal amount.

- A. ₹11,500 B. ₹12,000 C. ₹12,500 D. ₹13,000

10. A sum of money amounts to ₹13,310 in 2 years and to ₹14,641 in 3 years at compound interest, compounded annually. Find the rate percent per annum.

- A. 8% B. 9% C. 10% D. 11%



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