

Chemistry Math Review

Name _____

Answer the following questions

1) $2 + 4 \times 3 =$

2) $4 + 2 \times 3 =$

3) $2 \times 4 + 3 =$

4) $2 \times 4 + 3 =$

5) $\frac{40 + 20}{10} =$

6) $\frac{20 + 40}{10} =$

7) $40 + \frac{20}{10} =$

8) $20 + \frac{40}{10} =$

9) $(4 + 3) \div 6 =$

10) $4 + 3 \div 6 =$

Solve the following equations for x

11) $2x = 8$

12) $2 = 8x$

13) $\frac{x}{2} = 8$ _

14) $\frac{x}{8} = 2$

15) $\frac{2}{x} = 8$

16) $\frac{8}{x} = 2$

17) $x + \frac{y}{z} = 4$ where $y = 8$ and $z = 4$

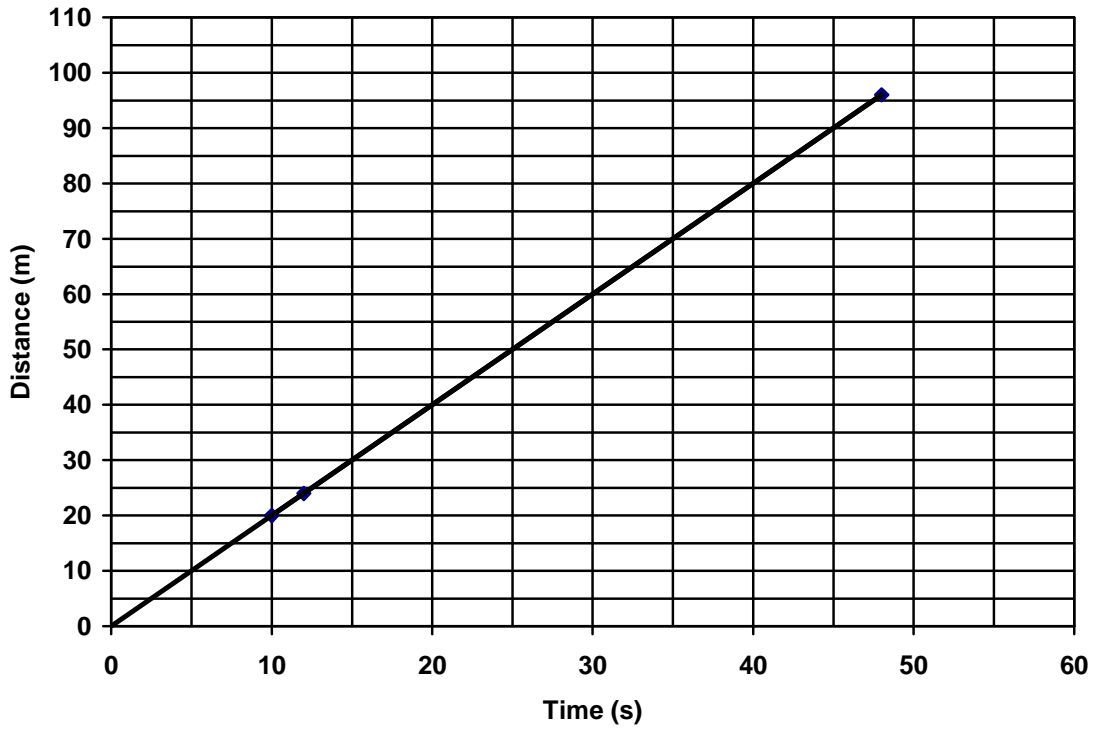
18) $\frac{x + y}{z} = 4$ where $y = 8$ and $z = 4$

Answer the following questions

19) $(3.0 \times 10^4) + (6.3 \times 10^5)$

20. $(3.0 \times 10^8) \times (6.3 \times 10^7)$

Distance travelled vs. Time



Use the graph above to answer the following questions.

21. How far had they traveled after 15 seconds?

22. How long did it take to travel 75 m?

23. After 30 seconds, what speed were they traveling?