

Math Self-Evaluation

We provide this self-evaluation so that a prospective student can see the type of material they will need to be able to learn during the academics portion of our training. It is by no means a prerequisite for acceptance; it is merely provided to assist in preparation of attending. Answers are located on page 3.

For questions, feel free to contact Heather Hodges at 888-974-2232 or HHodges@cda.edu

1. $64 + 36 =$ _____
2. $27.4 + 66.8 =$ _____
3. $132 - 42 =$ _____
4. $98.7 - 24.3 =$ _____
5. $12 \times 12 =$ _____
6. $6.5 \times 4.2 =$ _____
7. $78 / 6 =$ _____
8. $\frac{1}{4} + \frac{5}{8} =$ _____
9. $\frac{7}{8} + 1\frac{1}{2} =$ _____
10. $\frac{7}{16} - \frac{1}{8} =$ _____
11. Convert $\frac{3}{8}$ into a decimal. _____
12. How many feet in a yard? _____
13. Convert 21% to a decimal. _____
14. What is the area of a sheet of paper 11" by 8"? _____
15. What is the area of a circle with a 3' diameter? _____
16. What is the Volume of a box 2'H x 4'W x 6'L? _____
17. What is the volume of a cylinder 2' diameter x 7' Long? _____
18. How many centimeters in a meter? _____
19. How many meters in a kilometer? _____
20. How many cubic feet in a cubic yard? _____
21. Solve for X. $35 + 10 = 20 + X$ _____
22. Solve for X. $6 \cdot 5 = 10 \cdot X$ _____

23. What does 8^2 equal? _____

24. What does 9^3 equal? _____

25. If a diver has four 60ft^3 cylinders of air and two 80ft^3 cylinders of air, how many cubic feet of air do they hold total?

ANSWERS

1. $64 + 36 = 100$
2. $27.4 + 66.8 = 94.2$
3. $132 - 42 = 90$
4. $98.7 - 24.3 = 74.4$
5. $12 \times 12 = 144$
6. $6.5 \times 4.2 = 27.3$
7. $78 / 6 = 13$
8. $\frac{1}{4} + \frac{5}{8} = \frac{7}{8}$
9. $\frac{7}{8} + 1\frac{1}{2} = 2\frac{3}{8}$
10. $\frac{7}{16} - \frac{1}{8} = \frac{5}{16}$
11. Convert $\frac{3}{8}$ into a decimal. $.375$
12. How many feet in a yard? 3
13. Convert 21% to a decimal. $.21$
14. What is the area of a sheet of paper 11" by 8"? 88 in^2
15. What is the area of a circle with a 3' diameter? 7.0686 ft^2
16. What is the Volume of a box 2'H x 4'W x 6'L? 48 ft^3
17. What is the volume of a cylinder 2' diameter x 7' Long? 21.99 ft^3
18. How many centimeters in a meter? 100
19. How many meters in a kilometer? 1000
20. How many cubic feet in a cubic yard? 27
21. Solve for X. $35 + 10 = 20 + X$ $X = 25$
22. Solve for X. $6 * 5 = 10 * X$ $X = 3$
23. What does 8^2 equal? 64
24. What does 9^3 equal? 729
25. If a diver has four 60ft^3 cylinders of air and two 80ft^3 cylinders of air, how many cubic feet of air do they hold total?
 400 ft^3