

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 2.

For questions, feel free to contact Jim Pauley at 888-974-2232 or JPauley@cda.edu

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

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