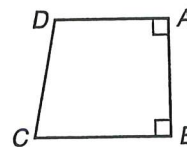


1. Three feet equals one yard. Two yards equals one fathom. Four fathoms equals how many feet?

2. In quadrilateral  $ABCD$ ,  $\angle ADC$  is what kind of angle if  $\angle DCB$  is acute? 24 feet  
 $\angle ADC$  obtuse



3. In quadrilateral  $ABCD$ , which segment is perpendicular to segment  $AD$ ?  $\overline{AB}$

4. Which word names this shape?

- ☒ A. Cone      B. Cylinder  
C. Cube      D. Pyramid



5. (a) What is  $\frac{2}{3}$  of 21? = 14

- (b) What is  $\frac{1}{3}$  of 21? = 7

6. One sixth of the 30 detainees escaped. How many detainees stayed? = 25 detainees stayed

7. (a) Find the greatest common factor (GCF) of 24 and 32. = 8

- (b) Use the GCF of 24 and 32 to reduce  $\frac{24}{32}$ . =  $\frac{3}{4}$

8. How many centimeters are in one meter? = 100 cm

9. Reduce each fraction:

(a)  $\frac{14}{21} = \frac{2}{3}$

(b)  $\frac{9}{15} = \frac{3}{5}$

(c)  $\frac{7}{14} = \frac{1}{2}$

10. 
$$\begin{array}{r} 13.21 \\ 4.049 \\ + 132.2 \\ \hline 149.459 \end{array}$$

11. 
$$\begin{array}{r} 19.502 \\ - 8.807 \\ \hline 10.695 \end{array}$$

12. 
$$\begin{array}{r} \$5.31 \\ \times 7 \\ \hline \$37.17 \end{array}$$

13.  $7 \overline{) \$22.12} = \$3.16$

14. 
$$\begin{array}{r} 3040 \\ - 2876 \\ \hline 164 \end{array}$$

15. 
$$\begin{array}{r} 790 \\ \times 206 \\ \hline 162,740 \end{array}$$

16.  $\frac{2040}{60} = 34$

17.  $6\frac{4}{5} + 3\frac{3}{5} = 10\frac{2}{5}$

18.  $4 - \left(\frac{3}{4} + 2\right) = 1\frac{1}{4}$

19. Compare:  $\frac{1}{4} \times \frac{2}{3} \bigcirc \frac{1}{2} \times \frac{1}{3}$

20. What is the perimeter of the square?

6 cm

