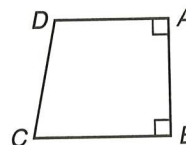


1. Three feet equals one yard. Two yards equals one fathom. Four fathoms equals how many feet?

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



3. In quadrilateral $ABCD$, which segment is perpendicular to segment AD ?

4. Which word names this shape?

A. Cone

B. Cylinder

C. Cube

D. Pyramid



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

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

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

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

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

8. How many centimeters are in one meter?

9. Reduce each fraction:

(a) $\frac{14}{21}$

(b) $\frac{9}{15}$

(c) $\frac{7}{14}$

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

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

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

13. $7 \overline{)22.12}$

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

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

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

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

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

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?

