

Homework

Solve.

Show your work.

1. Nella and Lydia are hiking 15 miles today. After every 0.5 mile, they will stop and rest. How many times will they rest during the hike?

2. A cookie cutter shark is 0.4 meter long, and a thresher shark is 6 meters long. How many times as long as the cookie cutter shark is the thresher shark?

3. At a large wedding, the cakes were cut into hundredths, so each piece was 0.01 of a whole cake. If there were 12 cakes, how many pieces were there?

4. A millimeter is 0.001 of a meter. How many millimeters are there in 7 meters?

5. Paco saves \$0.75 each day for a new bicycle helmet. He has saved \$36. For how many days has Paco been saving?

Solve.

6. $0.9 \overline{)63}$

7. $0.08 \overline{)72}$

8. $0.007 \overline{)42}$

9. $0.6 \overline{)420}$

10. $0.4 \overline{)372}$

11. $0.6 \overline{)534}$

12. $0.26 \overline{)884}$

13. $0.71 \overline{)1,136}$

Remembering

Circle the fraction that is *not* equivalent to $\frac{2}{5}$.

1. $\frac{4}{10}$ $\frac{20}{50}$ $\frac{6}{20}$ $\frac{10}{25}$

Circle the fraction that is *not* equivalent to $\frac{3}{12}$.

2. $\frac{1}{4}$ $\frac{6}{24}$ $\frac{12}{48}$ $\frac{9}{30}$

Write each improper fraction as a mixed number.

3. $\frac{18}{5} =$ _____

4. $\frac{25}{4} =$ _____

5. $\frac{66}{10} =$ _____

6. $\frac{10}{3} =$ _____

7. $\frac{23}{6} =$ _____

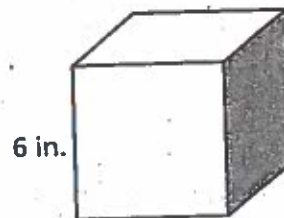
8. $\frac{38}{12} =$ _____

Use the cubes to answer questions 9–12.

The edges of a cube are 6 inches long.

9. What is the area of each face? _____

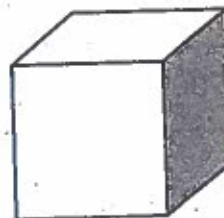
10. What is the volume of the cube? _____



A cube has a volume of 125 cu cm.

11. What is the length of each edge? _____

12. What is the area of each face? _____



13. The Eiffel Tower is about 324 meters high.
The Sears Tower is 442 meters high. How
much higher is the Sears Tower? _____

14. Estimate to find the combined heights of
both buildings in meters. _____

Multiply. You may need a separate sheet of paper.

15. $\begin{array}{r} 65 \\ \times 38 \\ \hline \end{array}$

16. $\begin{array}{r} 79 \\ \times 42 \\ \hline \end{array}$

17. $\begin{array}{r} 713 \\ \times 60 \\ \hline \end{array}$

18. $\begin{array}{r} 184 \\ \times 56 \\ \hline \end{array}$