

Week-By-Week

Calculator Inactive: Please show **ALL** your work and **circle** your final answer! Thanks!

1.) If a movie ticket costs \$9.25 per person, popcorn is \$8.50, and drinks are \$3.25 each, how much will it cost a family of four to go to the movies, get four drinks, and split two popcorns?

$$\begin{array}{r} +1+2 \\ \times 9.25 \\ \hline 37.00 \end{array} \text{ tickets}$$

$$\begin{array}{r} +1+2 \\ \times 3.25 \\ \hline 13.00 \end{array} \text{ drinks}$$

$$\begin{array}{r} 1 \\ \times 8.50 \\ \hline 17.00 \end{array} \text{ popcorn}$$

$$\begin{array}{r} +1 \\ 37.00 \\ 13.00 \\ 17.00 \\ \hline 67.00 \end{array}$$

\$67

2.) What is the sum of 4.5 and $2\frac{2}{5}$?

$$4.5 + 2\frac{2}{5}$$

$$4.5 + 2.4$$

$$\begin{array}{r} 4.5 \\ +2.4 \\ \hline 6.9 \end{array}$$

$$\begin{array}{r} 0.4 \\ 5 \overline{)2.0} \\ \underline{-2.0} \\ 0 \end{array}$$

3.) What is $830.94 \div 13.2$?

$$\begin{array}{r} 62.95 \\ 13.2 \overline{)830.940} \\ \underline{-792} \\ 389 \\ \underline{-264} \\ 1254 \\ \underline{-1188} \\ 660 \\ \underline{-660} \\ 0 \end{array}$$

$$\begin{array}{r} 21 \\ \times 62.95 \\ \hline 12590 \\ 188850 \\ 629500 \\ \hline 830940 \checkmark \end{array}$$

$$\begin{array}{r} 11 \\ 132 \\ \times 6 \\ \hline 792 \\ 132 \\ \times 2 \\ \hline 264 \\ 21 \\ \times 132 \\ \hline 1188 \\ 11 \\ \times 132 \\ \hline 660 \end{array}$$

4.) Ashton's family is taking a road trip. If they drive at a speed of 74 mph for 8.25 hours, how far will they have gone?

$$\begin{array}{r} 1 \\ \times 8.25 \\ \hline 13300 \\ 57750 \\ \hline 61050 \end{array}$$

610.5 miles

Calculator Active: Please use a calculator, circle your final answer, and show any work necessary for you to be able to check your work.

5.) At the Aquaman movie, for every 4 children, there are 9 adults. There are a total of 351 children and adults at the movie. How many children are at the movie?

$4 + 9 = 13$
 108 children
 $13 \overline{) 351}$
 $\begin{array}{r} 27 \\ -26 \\ \hline 91 \end{array}$
 $\begin{array}{r} 6 \\ 27 \\ \times 9 \\ \hline 243 \\ \text{adults} \end{array}$
 $\begin{array}{r} 2 \\ 13 \\ \times 7 \\ \hline 91 \end{array}$

6.) As part of this month's customer appreciation, iSongs is offering every fifth customer a free song download. Every twelfth customer gets a free video download. Who is the first customer who will receive both the free song and free video download?

$5 \ 10 \ 15 \ 20 \ 25 \ 30$
 $35 \ 40 \ 45 \ 50 \ 55 \ 60$
 $12 \ 24 \ 36 \ 48 \ 60$
 $60^{\text{th}} \text{ customer}$



7.) What is the surface area of the three-dimensional figure below?

$2.4 \times 7 = 16.8$
 $4 \times 7 = 28$
 $\div 2 = 14$
 $14 \times 7 = 98$
 266 ft^2

8.) A 24 pk. of bottled water weighs 15.3 pounds. The packs are bundled onto pallets of 75 packs. The pallet itself weighs 25.4 pounds. What is the total weight of all the water and the pallet?

$15.3 \times 75 = 1147.5$
 $1147.5 + 25.4 = 1172.9 \text{ lbs}$

9.) A gumball machine contains 23 green gumballs, 52 red gumballs, 34 blue gumballs, 61 yellow gumballs, and 30 pink gumballs. What percentage of the gumballs are red?

$23 + 52 + 34 + 61 + 30 = 200$
 $\frac{52}{200} = 0.26$
 $0.26 = 26\%$

10.) Matthew and Jonathan ran a lemonade stand on Saturdays. They agreed that Matthew would get 60% of the profit because the lemonade stand was his idea. They made a profit of \$75. How much money did Matthew make?

$75 \times 0.60 = 45$
 $\$45$