

Winter Multiplication and Division Word Problems



Solve the problems below. Be sure to show your work.

ANSWER SHEET

1. A. Jack and Dwayne are preparing for their school's winter bake sale. They have made 318 brownies. They plan on placing 3 brownies each into small bags to sell. How many bags will they need?

$$318 \div 3 = 3 \overline{)318} \begin{array}{r} 106 \\ \end{array} \quad \text{They will need 106 bags.}$$

- B. The kids sell all the bags of brownies for \$2 each. How much money could they make from the brownie sale?

$$\begin{array}{r} 106 \\ \times 2 \\ \hline 212 \end{array} \quad \text{They could make \$212..}$$

2. Washington Elementary School is preparing a performance for the winter festival at the local theater. This theater has 14 rows of 42 seats. How many people can the theater seat in total?

$$\begin{array}{r} 14 \\ \times 42 \\ \hline 28 \\ + 56 \\ \hline \end{array} = 588 \quad \text{They theater can seat 588.}$$

3. The 4th grade class met their goal of reading a certain amount of hours during the Fall. They earned their skiing trip this winter, sponsored by the Parent-Teacher Organization. If each ski ticket costs \$28 and there are 86 fourth graders, how much does the PTO need to pay for the tickets?

$$\begin{array}{r} 28 \\ \times 86 \\ \hline 168 \\ + 224 \\ \hline \end{array} = 2,408 \quad \text{They will need \$2,408.}$$

4. Amir is working on making paper snowflakes to decorate his room. He has timed himself and noticed that he takes 5 minutes to make each snowflake. If he has an hour and a half before bedtime, how many snowflakes will he be able to make?

An hour and a half = 90 minutes

$$90 \div 5 = 18 \quad \text{He will be able to make 18 paper snowflakes.}$$

5. One of the local homeless shelters received a donation of 852 blankets to help support the homeless population during the harsh winter months. They plan on distributing them to all 7 of the local shelters. How many blankets will each shelter get? Will there be any leftover? If so, how many?

$$852 \div 7 \quad \begin{array}{r} 121 \\ 7 \overline{)852} \\ \underline{-7} \\ 152 \\ \underline{-14} \\ 120 \\ \underline{-7} \\ 150 \\ \underline{-14} \\ 15 \end{array} \begin{array}{r} 15 \\ -14 \\ \hline 12 \\ -7 \\ \hline 5 \end{array} \begin{array}{l} \text{Each shelter will get 121 blankets.} \\ \text{5 will be left over.} \end{array}$$