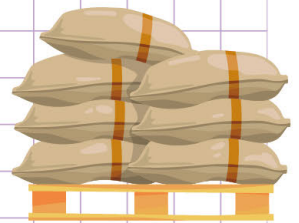


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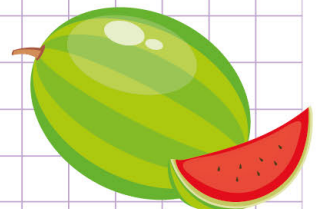
Estimate sums, differences, products, and quotients: word problems

1. On Monday, Larry had 273 bags of rice in his store. On Wednesday, he had sold a total of 198 bags. About how many bags of rice to the nearest hundred were left in the store?



2. Allen earns a daily paid job in a local restaurant. In 7 days he received a paycheck of \$658. To the nearest hundred, estimate his daily pay.

3. Mr. Smith owns a large watermelon farm. This year, he sold 621 bags of watermelon. There were 12 watermelons in each bag. To the nearest ten, about how many watermelons did he sell?



Name: ..... Class: .....

Estimate sums, differences, products, and quotients: word problems.

1. On Monday, Larry had 273 bags of rice in his store. On Wednesday, he had sold a total of 198 bags. About how many bags of rice to the nearest hundred were left in the store?

To solve this problem, we need to subtract.

Number of bags in the store on Monday = 279

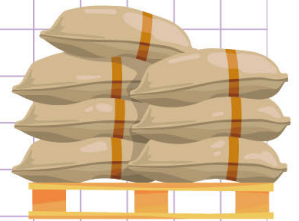
Number of bags sold from Monday to Wednesday = 198

Number of bags left =  $273 - 198$

But we have to round each number to the nearest hundred to find the estimate left

$$\begin{array}{r} 237 \longrightarrow 300 \\ 198 \longrightarrow 200 \end{array} \longrightarrow \begin{array}{r} 300 \\ - 200 \\ \hline 100 \end{array}$$

Therefore, about 100 bags of rice were left in the store.



2. Allen earns a daily paid job in a local restaurant. In 7 days he received a paycheck of \$658. To the nearest hundred, estimate his daily pay.

To estimate his daily pay, we have to round \$658 to the nearest hundred, then divide by 7

$$658 \longrightarrow 700 \div 7 \quad \begin{array}{r} 100 \\ 7 \overline{) 700} \\ \underline{- 7} \\ 0 \end{array}$$

Therefore, he earns about a \$100 a month

3. Mr. Smith owns a large watermelon farm. This year, he sold 621 bags of watermelon. There were 12 watermelons in each bag. To the nearest ten, about how many watermelons did he sell?

To find the number of watermelons he sold, let's first of all round each number to the nearest ten, then multiply.

$$\begin{array}{r} 621 \longrightarrow 600 \\ 12 \longrightarrow 10 \end{array} \longrightarrow 600 \times 10 = 6,000$$

Therefore, he sold about 6,000 watermelons.

