

Division Problem Solving Practice

1. Jo needs to re-shelve 35 books in the school Library. If he carries 5 books on each trip, how many trips does he need to make?

Already corrected
in class last week!

2. The cost of 6 pairs of jeans cost \$250. The cost of four sweaters is \$125. Which costs more, a pair of jeans or a sweater?

3. Cupcakes come in packages of 6. Jesse needs 157 cupcakes. How many packages should be buy?

What does the remainder mean? Will there be any left over cupcakes?

4. The rafts for the Scary Tunnel ride hold 4 people. If 202 children go on the ride at the same time, how many rafts are needed?

What does the remainder mean?

~~Already corrected last week~~

5. 5 friends are sharing 127 marbles. How many marbles will each friend get if they share them equally? Are there any left over?

$$\begin{array}{r} 25 \text{ r } 2 \\ 5 \overline{)127} \\ \underline{-10} \downarrow \\ 27 \\ \underline{-25} \\ 2 \end{array}$$

Each friend will get 25. There are 2 left over

6. Nadine is making picture frames. She has 235 pieces of wood. Each frame requires her to use 4 pieces of wood. About how many can she make?

~~235~~

$$235 \div 4 =$$

$$\underline{240} \div 4 = 60$$

She can make about 60 frames!

* Don't forget to put your answers in a sentence!

Problem Solving Multiplication Practice quiz

| | | | | | |
|---|---|---|---|---|----|
| Is able to solve simple multiplication problems | 4 | 3 | 2 | 1 | ND |
|---|---|---|---|---|----|

Must try to use the **most efficient** multiplication strategy. (Long Multiplication, Breaking it Apart, Doubling and Halving, Estimation, Annexing Zeros)

14 students raised \$22 each in pledges for a "Save the Wetlands!" walk. How much money did the students raise altogether? (Show all your work please.)

LM

$$\begin{array}{r} 22 \\ \times 14 \\ \hline 188 \\ 220 \\ \hline 308 \end{array}$$

The student raised \$308 altogether.

Sally needs to buy 6658 staples. There are 237 staples in each box of staples. Sally buys 12 boxes. Does she have enough staples?

LM

$$\begin{array}{r} 237 \\ \times 12 \\ \hline 474 \\ 2370 \\ \hline 2844 \end{array}$$

Sally will not have enough money.

A building has 5 floors with 47 windows on each floor. About how many windows are there in this building?

Estimation $50 \times 5 = 250$ There are about 250 windows.

~~Grace walks 20 km each day. There are 30 days in June. How many km does Grace walk in June.~~

AZ $20 \times 30 = 600$
Grace walked 600 km in June.

My friend Bob has 78 marbles. How many marbles will he have after 23 years if he continues to collect the same amount of marbles each year

LM

$$\begin{array}{r} 78 \\ \times 23 \\ \hline 234 \\ 1560 \\ \hline 1794 \end{array}$$

Bob will have collected 1794 marbles.

