Classroom Math: Multiplication Word Problems

Answer Sheet

4th Grade

Math isn't just for math class. It is used to solve problems in every subject. Help Mr. Hammond's class figure out their problems using math. Show your work.

Henry wants to see how many different colored crayons are in the crayon box. If there are 4 rows of 19 crayons, how many different colors are there, assuming no duplicate colors?

$$\begin{array}{r} 19 \\ \times\ 4 \\ \hline 76 \end{array}$$

76 crayons

Mikey is typing in the computer lab and typing at 23 words per minute. If he types for 11 minutes, how many words does he type?

$$\begin{array}{r} 23 \\ \times\ 11 \\ \hline 23 \\ +\ 230 \\ \hline 253 \end{array}$$

253 words

All of the students have a vocabulary assignment every week with 13 new words. If the school year is 40 weeks long, how many new words will they learn?

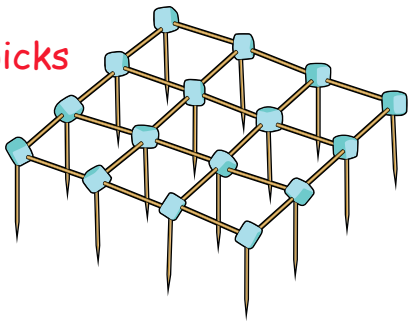
$$\begin{array}{r} 40 \\ \times\ 13 \\ \hline 120 \\ +\ 400 \\ \hline 520 \end{array}$$

520 words

Jeremy is building a toothpick skyscraper. Look at the picture below of the first floor. How many toothpicks will it take to build 12 stories? How many marshmallows will it take to build 12 stories?

$$\begin{array}{r} 40 \\ \times\ 12 \\ \hline 80 \\ +\ 400 \\ \hline 480 \end{array}$$

480 toothpicks



$$\begin{array}{r} 16 \\ \times\ 12 \\ \hline 32 \\ +\ 160 \\ \hline 192 \end{array}$$

192 marshmallows

It's the day before Valentine's Day and Shelley needs to get Valentine cards for all of her classmates. The desks are arranged in a rectangle 7 rows wide and 5 rows long. If there are 3 desks that are empty, how many students are in the class?

$$\begin{array}{r} 7 \\ \times\ 5 \\ \hline 35 \end{array}$$

35 - 3 = 32

32 students

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