

# Shopping Spree: Division Word Problems

# 5<sup>th</sup> Grade

Use division to solve the following problems.  
Show your work.

Mrs. Brown buys a package 232 napkins. If the napkins come in 4 different colors, how many of each color napkin are there?

$$\begin{array}{r} 58 \\ 4 \overline{)232} \\ \underline{-20} \\ 32 \\ \underline{-32} \\ 0 \end{array}$$

There are 58 of each color napkin.

Mr. O'Connell is comparing ink cartridges for his printer. The first one costs \$38 and will print 190 pages before it is empty. The second one costs \$39 and prints 234 pages before it is empty. Which cartridge prints more pages per dollar?

1st cartridge

$$\begin{array}{r} 5 \\ 38 \overline{)190} \\ \underline{-190} \\ 0 \end{array}$$

2nd cartridge

$$\begin{array}{r} 6 \\ 39 \overline{)234} \\ \underline{-234} \\ 0 \end{array}$$

The second cartridge prints more pages per dollar.



The Bells just bought cell phones for everyone in the family. They are allowed to talk for 516 minutes per month. How many minutes can they talk per week? (Assume 1 month = 4 weeks)

$$\begin{array}{r} 129 \\ 4 \overline{)516} \\ \underline{-4} \\ 11 \\ \underline{-8} \\ 36 \\ \underline{-36} \\ 0 \end{array}$$

They can use 129 minutes per week.

Ms. Yang buys a bag of ice cubes. One bag contains 219 ice cubes. If she uses 3 cubes per cup, how many cups will she use before she needs to buy more ice?

$$\begin{array}{r} 73 \\ 3 \overline{)219} \\ \underline{-21} \\ 09 \\ \underline{-9} \\ 0 \end{array}$$

She can use 73 more cups.