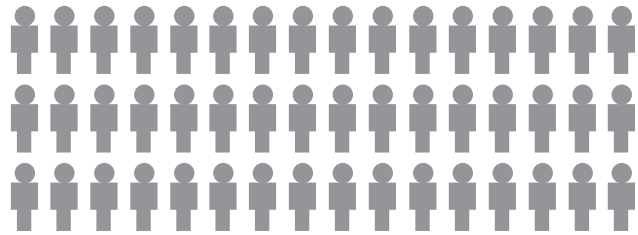


Multiplication / Division Sample Problems

75. This is a picture of the Northside Band as they marched across the football field.



- a. When the Band reached the center of the field, they lined up in 6 equal rows. How many people were in each row?
- b. At the end of their halftime program, the Band marched off the field in rows of 4 people each. How many rows marched off?
- c. Explain how you got your answers.
- d. Write 48 as the product of two whole numbers in three different ways.
- e. Is 3 a factor of 48? Explain how you know your answer is correct.

120. The Chamber of Commerce is paying for a trip to Astroworld for all Honor Society members at Centerville Middle School.

There are 38 members of the Society and the trip will cost \$79 per student. What will be the total amount that the Chamber pays?

178. ABC Company produces 456 toasters per workday. The toasters are packed in boxes of 12 each.

How many boxes per day does ABC Company produce?

Hint: Continue the process shown at right.

$$\begin{array}{r}
 456 \text{ toasters} \\
 - \underline{120} \text{ (10 boxes)} \\
 336 \text{ toasters left} \\
 - \underline{120} \text{ (10 boxes)} \\
 216 \text{ toasters left} \\
 \vdots
 \end{array}$$