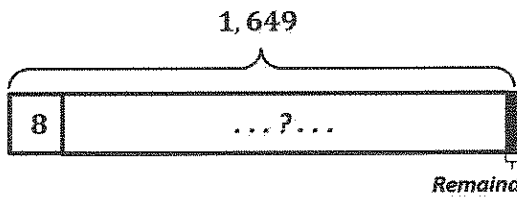


G4-M3-Lesson 32

Solve the following problems. Draw tape diagrams to help you solve. If there is a remainder, shade in a small portion of the tape diagram to represent that portion of the whole.

1. The clown has 1,649 balloons. It takes 8 balloons to make a balloon animal. How many balloon animals can the clown make?



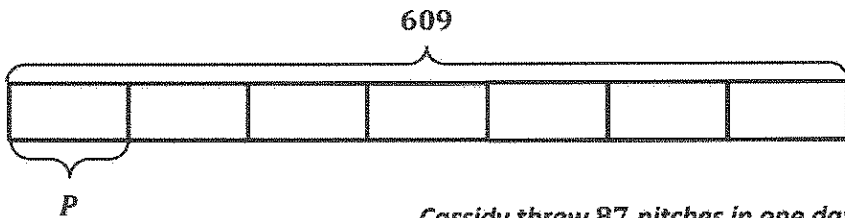
I know the total and that the size of the groups is 8 balloons. I need to determine the number of groups. I divide 1,649 by 8.

$$\begin{array}{r}
 206 \text{ R}1 \\
 8 \overline{) 1,649} \\
 \underline{- 16} \phantom{0} \\
 04 \phantom{0} \\
 \underline{- 0} \phantom{0} \\
 49 \\
 \underline{- 48} \\
 1
 \end{array}$$

There is 1 balloon remaining. That is not enough to make another balloon animal. The clown can make 206 balloon animals. I shade a portion of the tape diagram to represent the remainder.

The clown can make 206 balloon animals.

2. In 7 days, Cassidy threw a total of 609 pitches. If she threw the same number of pitches each day, how many pitches did she throw in one day?



$$\begin{array}{r}
 87 \\
 7 \overline{) 609} \\
 \underline{- 56} \phantom{0} \\
 49 \\
 \underline{- 49} \\
 0
 \end{array}$$

I know the total and that the number of groups is 7 days. I need to determine the size of the groups. I divide 609 by 7.

Cassidy threw 87 pitches in one day.