

# Lesson 3.2

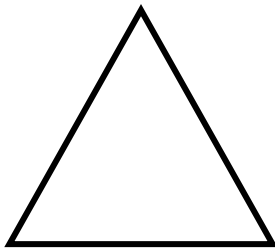
## Multiplication & Perimeter

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Students will be able to find the perimeter of regular polygons using multiplication as a replacement for repeated addition.

### Triangle



Number of sides      x      Length of each side      =      Perimeter

\_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

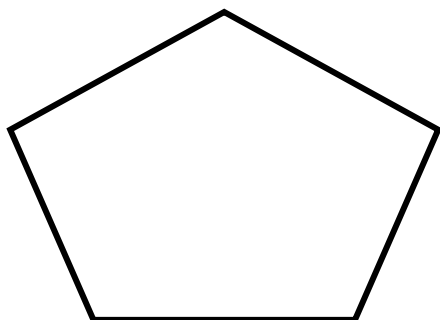
### Square



Number of sides      x      Length of each side      =      Perimeter

\_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

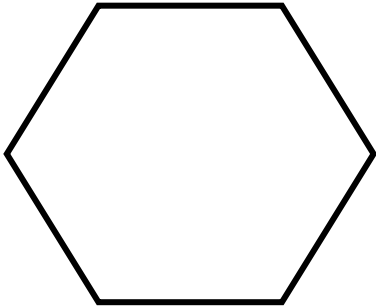
### Pentagon



Number of sides      x      Length of each side      =      Perimeter

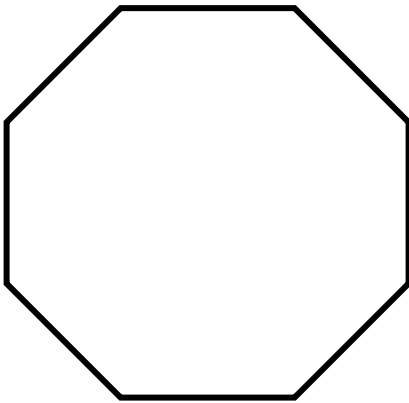
\_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

## Hexagon



$$\begin{array}{ccccccc} \text{Number of} & & \text{Length of} & & & & \\ \text{sides} & & \text{each side} & & = & & \text{Perimeter} \\ & & & & & & \\ \hline & \times & \hline & = & \hline \end{array}$$

## Octagon



$$\begin{array}{ccccccc} \text{Number of} & & \text{Length of} & & & & \\ \text{sides} & & \text{each side} & & = & & \text{Perimeter} \\ & & & & & & \\ \hline & \times & \hline & = & \hline \end{array}$$