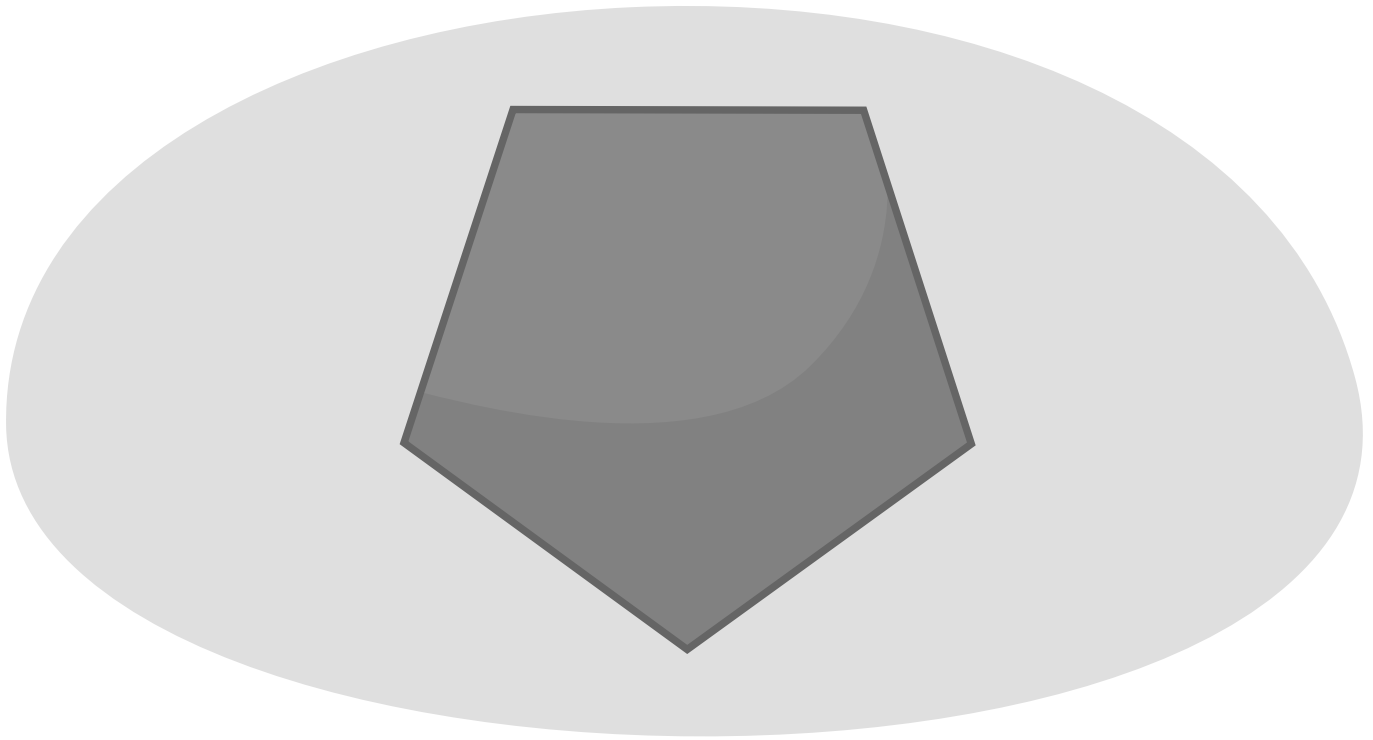


Pentagon



1. Write an expression to describe the perimeter of the shape above. Note that all sides are equal. Make sure to use a variable to represent any unknown value.

2. What letter did you use for the variable? Why?

3. If the perimeter of this shape is 90, find the length of one side. Can you use your expression to justify your thinking?

4. Why is using a variable necessary in question 1?