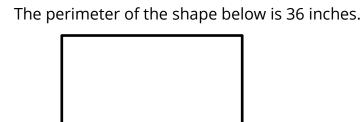
Possible Solutions for 1.



If a scale factor of ½ is applied to the shape, what would happen to the perimeter?

Possible Solution 1

• Because the original perimeter is 36, $36 \times \frac{1}{2} = 18$ or $36 \div 2 = 18$, the new perimeter would be ½ of the original perimeter.

Possible Solution 2

• The perimeter of a shape is a linear measurement, so applying the scale factor of ½ to the shape means you just multiply the perimeter by the scale factor to get the new perimeter, which would be 18 inches.