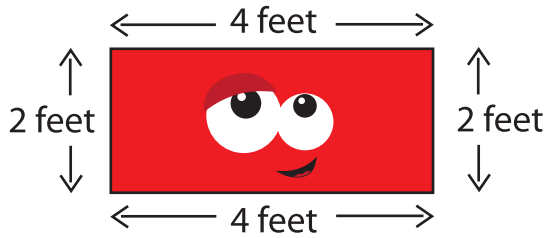
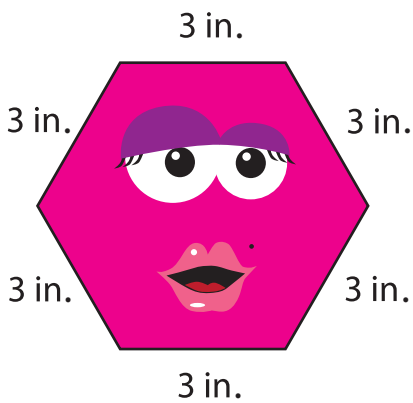


GEOMETRY: PERIMETER Answer Key

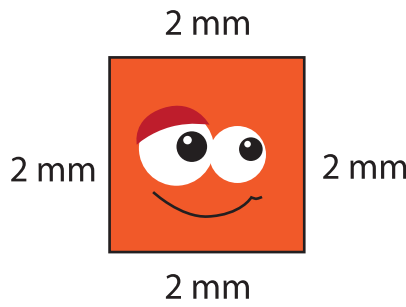
The *perimeter* of a polygon is equal to the distance around it.



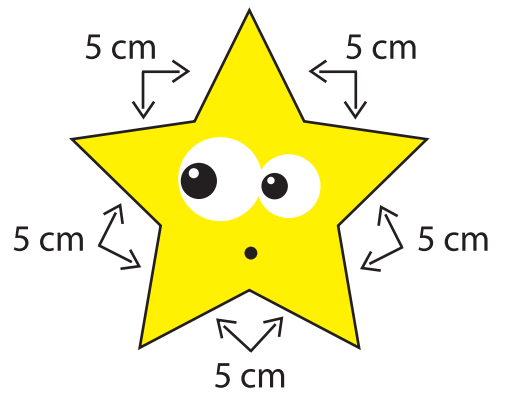
$$\begin{array}{r}
 2 \text{ feet} \\
 4 \text{ feet} \\
 2 \text{ feet} \\
 + 4 \text{ feet} \\
 \hline
 12 \text{ feet}
 \end{array}$$



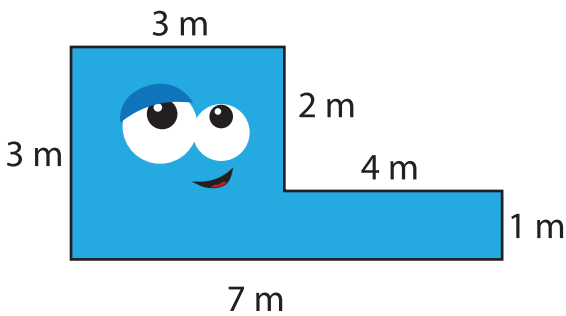
perimeter = 18 in



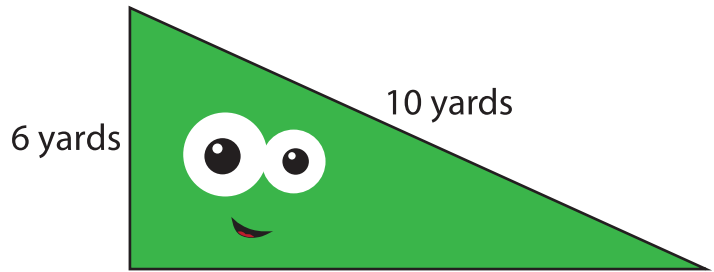
perimeter = 8 mm



perimeter = 50 cm



perimeter = 20 m



perimeter = 24 y.

a) The football field at the park down the street is in the shape of a rectangle. Two sides measure 4 km, and the other two sides measure 2 km. What is the total perimeter of the football field?

12 km

b) The gazebo in Emily's backyard is in the shape of an octagon. Each side of the octagon measures 4 feet. What is the total perimeter of the gazebo?

32 feet