**Perimeter and Area of Polygons Exercise:**

1. Find the side length of a square with area 100 cm.
2. Find the side length of an equilateral triangle with perimeter 6 in.
3. Find the width of a rectangle with length 8 in and perimeter 40 in.
4. Find the perimeter of a regular hexagon with side length 6 cm.
5. Find the side length of a regular hexagon with perimeter 6 cm.
6. If a parallelogram has area 28 in2 and base 8 in, find the height.
7. If a triangle has area 28 in2 and base 8 in, find the height.
8. If a trapezoid has area 28 in2 and bases 8 in and 12 in, find the height.