1. The lines $y=2, y=x, y=-x$ are graphed. Find the area of the enclosed figure.

2. The radius of a circle is 4 inches. Find the circumference. Round answer to the nearest tenth.
3. Find the diameter of a circle with a circumference of $24 \pi \mathrm{~cm}$.
4. Find the side of a square with an area of $49 \mathbf{f t}^{2}$.
5. Write this down: Notes: Types of triangles

Scalene triangle: no equal sides
Isosceles triangle: two equal sides
Equilateral triangle: three equal sides

Find the shaded area. Round answer to nearest tenth.
1.


Find the area and perimeter in terms of $x$.

5. Given the points $A(-2,4)$ and $B(3,-1)$, find $A B$, which is the distance between the points. Round answer to nearest tenth.


