Find the value of x and classify the triangle by it's angles (acute, obtuse, right)
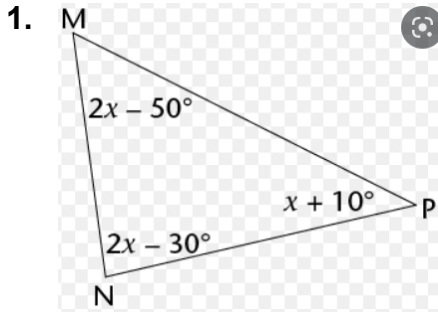
1. M

$2x - 50°$

$x + 10°$ P

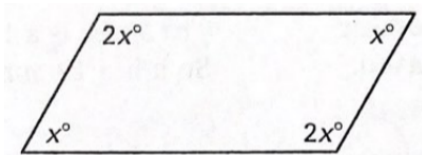$2x - 30°$

N

2.

$65 + x$

$x + 55$ $70°$
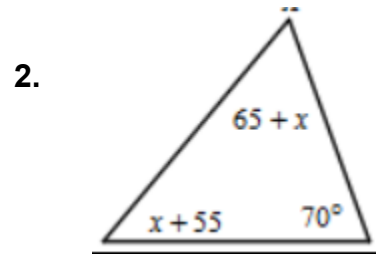
Tell whether the figure is a polygon. If it is a polygon, classify what kind of polygon and tell whether it is convex or concave. If not, explain why.
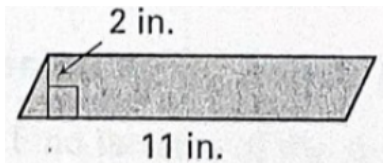
3.

4.

5.
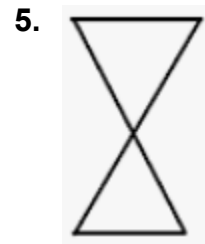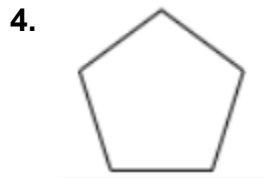
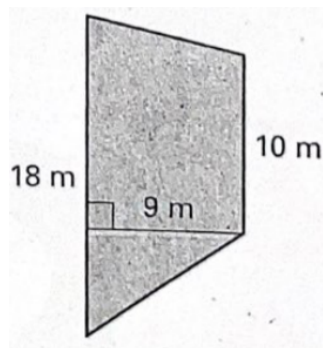**Classify the quadrilateral and tell what the value of the variable is.**

6.

Find the area of the trapezoid, parallelogram or circle. Use $\frac{22}{7}$ for π for at least one of these.
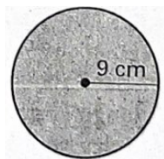
7.

8.

9.

Find the unknown measure for each of the following. Round to the nearest whole number.

10. A circle has a radius of 42 cm: Area = ?

11. A circle has a diameter of 50 mi, Area = ?

12. A circle has an area of 642 in.^{2} d = ?

Find the area of the figure

13.