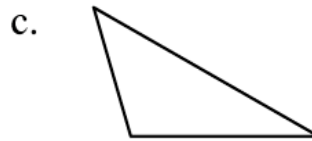
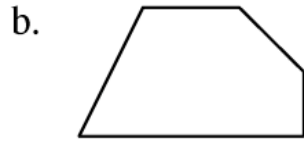
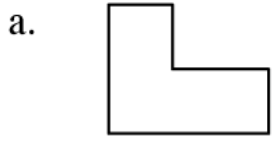
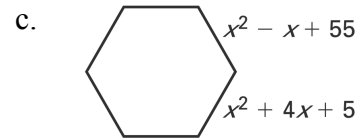
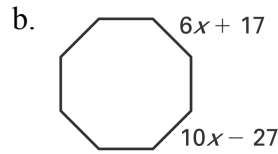
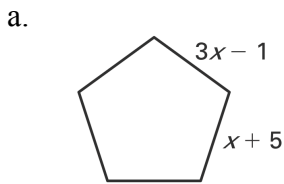


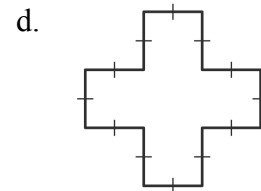
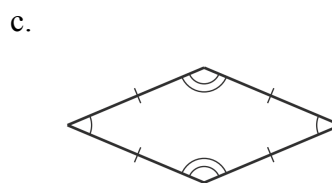
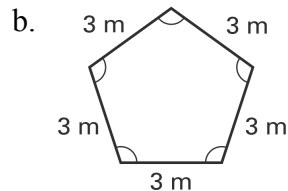
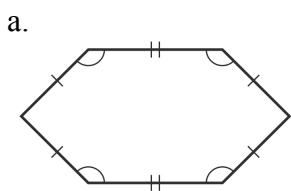
1. State whether each shape is convex or concave.



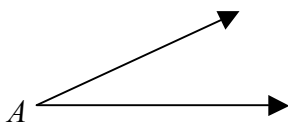
2. Given the regular shape, find the side length.



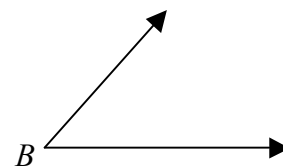
3. Classify the polygon by the number of sides. Tell whether the polygon is equilateral, equiangular, regular, or none.



4. Copy $\angle A$

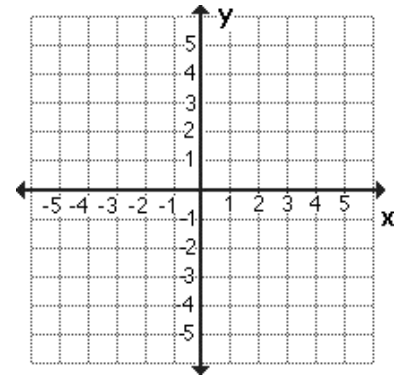


5. Construct an angle bisector of $\angle B$.

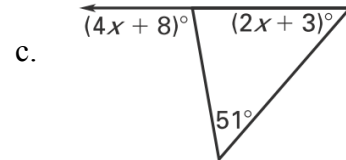
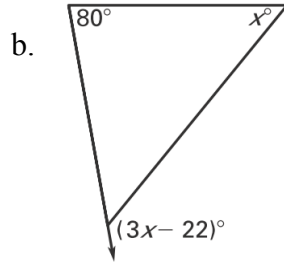
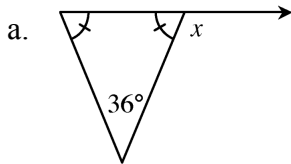


6. Plot the points $A(0, -2)$ and $B(3, 2)$.

- Find the slope of AB .
- Find the equation of the line through the points.
- Find the midpoint of AB .

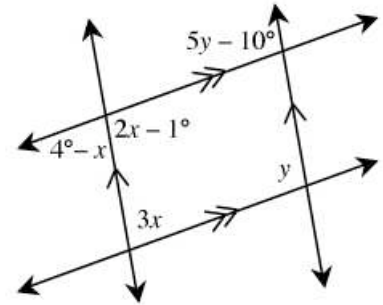


7. Find the measure of the exterior angle.

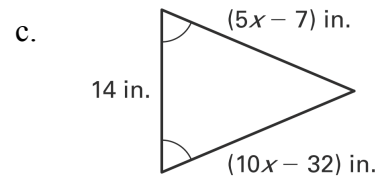
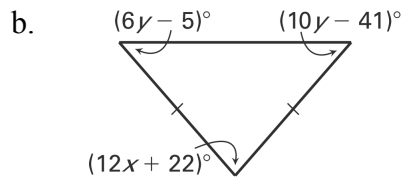
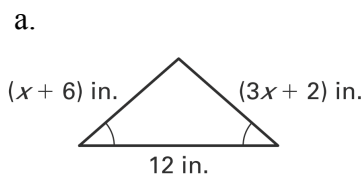


8. Multiple Choice: Which equation below is **NOT** a correct statement based on the diagram?

- $3x + y = 180^\circ$
- $2x - 1^\circ = 4^\circ - x$
- $2x - 1^\circ = 5y - 10^\circ$
- $2x - 1^\circ + 3x = 180^\circ$
- None of these



9. Find the values of the missing variables.



$\frac{4}{3}$	$(1.5, 0)$	$y = \frac{4}{3}x - 2$	3	4	5	5
9	10	11	108°	131°	100°	Dodecagon
Equilateral	Equilateral	Hexagon	Neither	Pentagon	Quadrilateral	Regular