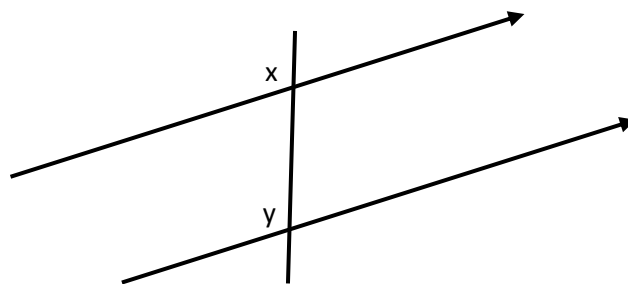
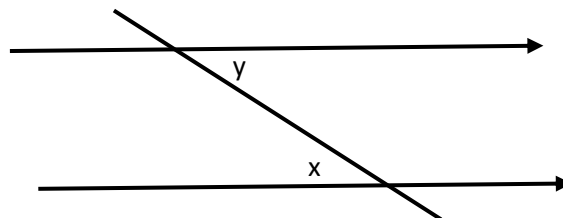


Post Assessment – Polygons

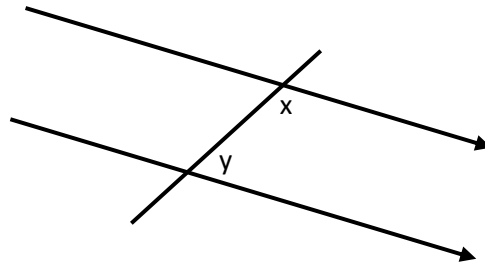
1. Angles on a straight line add up to ...
2. Angles around a point add up to ...
3. Angles in a triangle add up to ...
4. Angles in a quadrilateral add up to ...
5. What is special about the angles in an isosceles triangle?
6. Describe and name the relationships between the angles x and y in the diagrams below.
 - a)



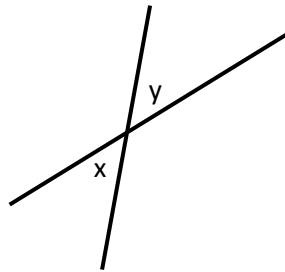
b)



c)



d)



7. Draw an example of a polygon. Have you drawn a regular or irregular polygon?

8. How many sides do the following polygons have?

a) Hexagon

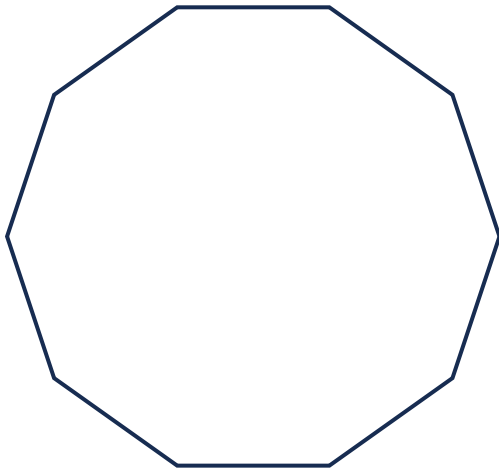
b) Octagon

c) Nonagon

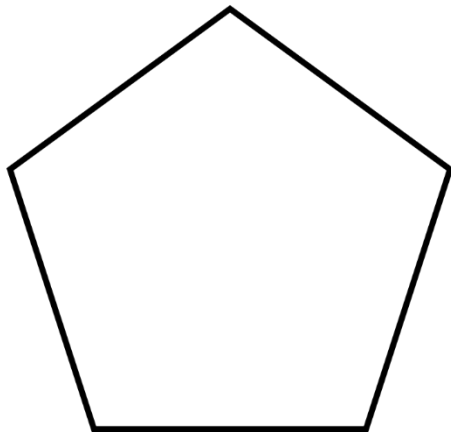
d) Pentagon

e) Decagon

9. What size are the exterior angles of the regular polygon below?



10. What size are the interior angles of the regular polygon below?



11. Find the missing angle in the shape below. Not drawn accurately.

