

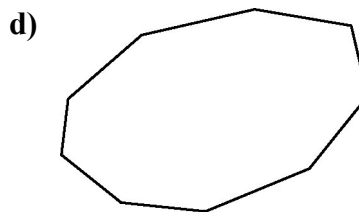
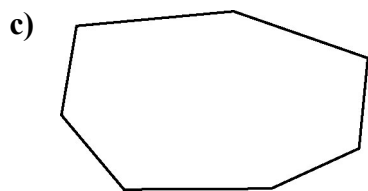
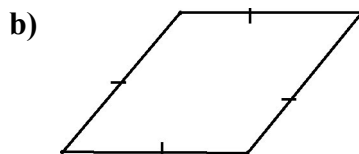
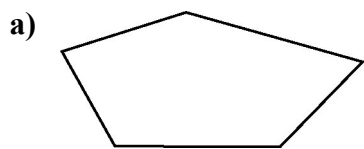
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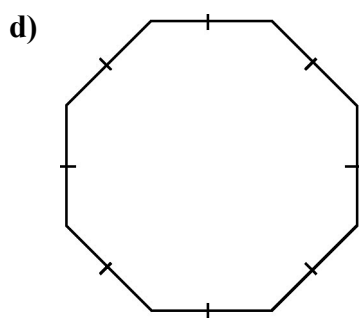
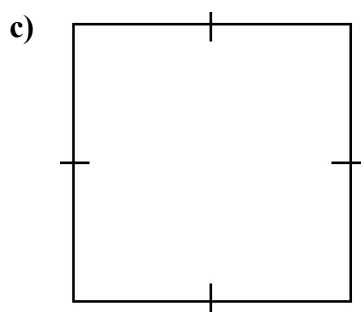
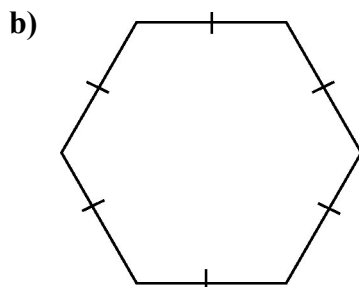
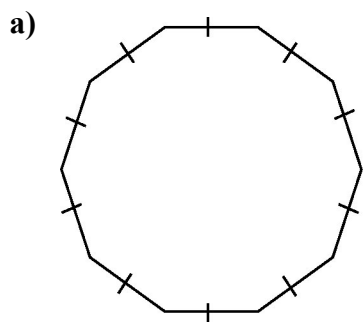
**BLM 7.3.1**

## Practice: Angle Relationships in Polygons

1. Find the sum of the interior angles of each polygon.



2. Find the sum of the interior angles of each polygon.



3. Find the sum of the interior angles of a polygon with each number of sides.

- a) 11 sides      b) 14 sides      c) 18 sides      d) 24 sides

4. Find the measure of each interior angle of a regular polygon with each number of sides.

- a) 3 sides      b) 20 sides      c) 9 sides      d) 16 sides

5. Find the number of sides each polygon has given the sum of its interior angles.

- a)  $720^\circ$       b)  $1980^\circ$       c)  $2340^\circ$       d)  $4140^\circ$