Name: _____

Polygons

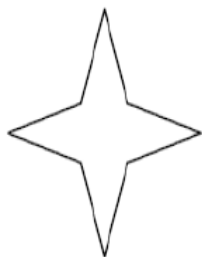1)   Tell if each of the following figures is a polygon

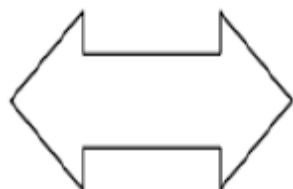1)   2)

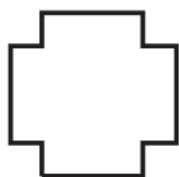3)   4)

2)   Name the polygon and tell whether it is concave or convex

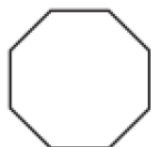1)   2)

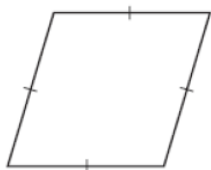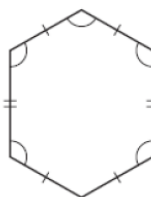3)   4)

3)   Decide whether the polygons are equilateral, equiangular, regular, or none
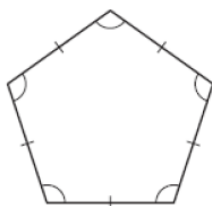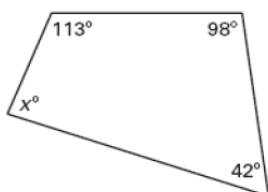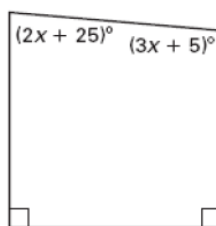
    1)

    2)

    3)

4)   Find the measure of the angles and decide if the quadrilateral is a regular polygon

    1)

        $113°$ $98°$

        $x°$

                $42°$

    2)

        $(2x + 25)°$ $(3x + 5)°$

    3)

             $(10x - 10)°$

        $(5x + 30)°$

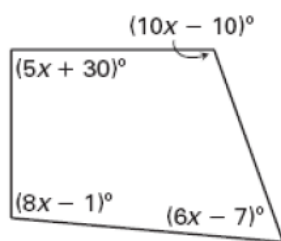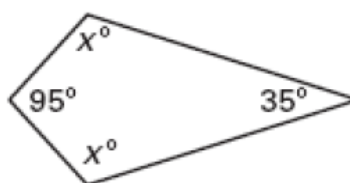 $(8x - 1)°$ $(6x - 7)°$

    4)

        $x°$

        $95°$ $35°$

        $x°$

5)   Find each lettered angle measure.

    $135°$

    x

            y

    $40°$ $100°$