Possible Solutions
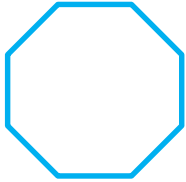

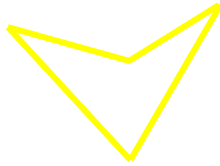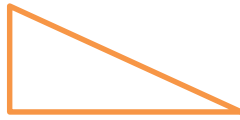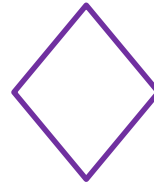Figure A   Figure B   Figure C   Figure D

a) Which polygon has the most sides?
    Figure A. It is an octagon and has 8 sides.

b) Which polygon has 5 fewer vertices than Figure A?
    Figure C. It is a triangle and has 3 vertices. Figure A is an octagon and has 8 vertices. I
    subtracted 5 from 8 for a difference of 3.

c) Which polygons have the same or more sides than Figure D?
    Figures A and B. Figure A is an octagon and has 8 sides and Figure B is a quadrilateral as it
    has 4 sides.

d) Zach said that a square is a quadrilateral. Anna said that a square is a square, so it is not a
    quadrilateral. Who is right? Explain your thinking?
    Zach is because a square can also be a quadrilateral because it has 4 sides. A square is one
    kind of quadrilateral.