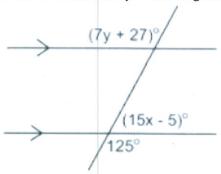
KE

Instructions: Show all work. Use exact answers unless specifically as led to round. Be sure to complete all parts of each problem.

1. Solve for both x and y in the diagram below.

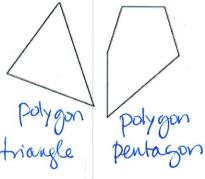


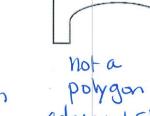
$$15x-5+125=180 7y+27=125$$

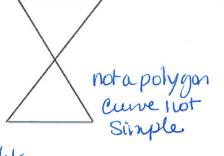
$$15x+120=180 7y=98$$

$$5x=60 7=7$$

2. Identify whether the following shapes are polygons. If they are, label them with an appropriate name. If they are not, explain why not.







logs not Shaight

3. Determine whether the polygons are concave or convex. Then find the sum of the interior angles using the formula SUM of $Angles = 180^{\circ}(n-2)$.

