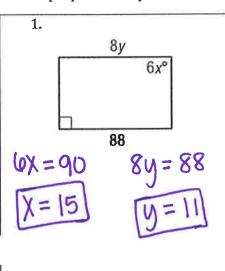
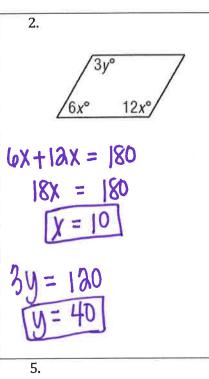
PROPERTIES OF PARALLELOGRAMS NOTES

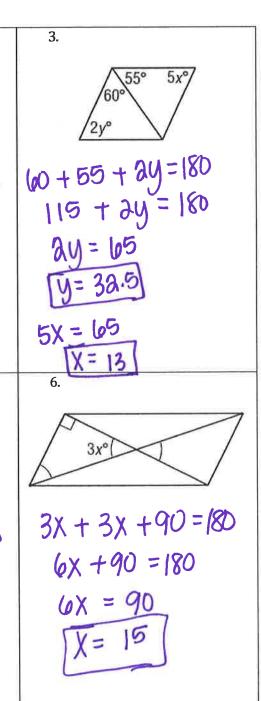
Properties of Parallelogram

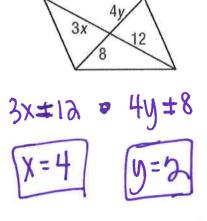
- Opposite sides in a parallelogram are parallel and congruent.
- Opposite angles in a parallelogram are congruent.
- Consecutive angles in a parallelogram are supplementary.
- The diagonals of a parallelogram bisect each other.
- Each diagonal separates a parallelogram into two sets of congruent triangles.

Use the properties of quadrilaterals to find the value of each variable.









4.

$$28 = 34$$
 $4x = 28$ $y = 14$ $x = 7$