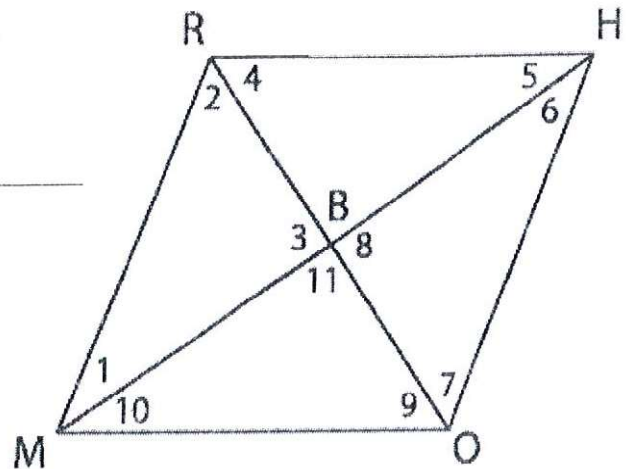


- A rhombus is a parallelogram with four congruent sides, perpendicular diagonals, and the diagonals bisect a pair of opposite angles.
- A square is a parallelogram with all the properties of a rectangle and rhombus.

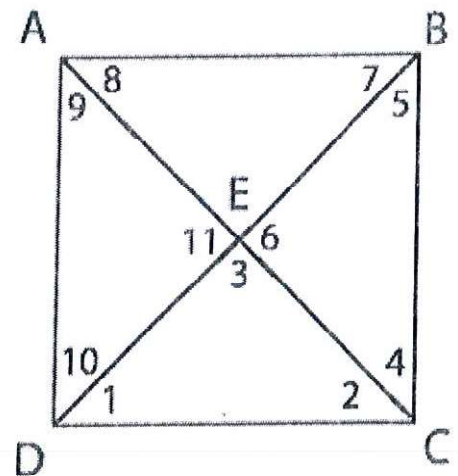
RHOM is a rhombus. Find the unknown measures. (Treat each problem independently.)

- 1) If $OB = 2x + 1$ and $BR = 3x - 10$, then $OR =$ _____
- 2) If $RM = 18$, then $RH =$ _____, $OH =$ _____, $OM =$ _____
- 3) If $m\angle 2 = 48^\circ$, then $m\angle MOH =$ _____
- 4) If $m\angle 7 = 61^\circ$, then $m\angle RHO =$ _____
- 5) If $m\angle 3 = 8x - 6$, then $x =$ _____



ABCD is a square. Find the unknown measures. (Treat each problem independently.)

- 6) $m\angle EAB =$ _____
- 7) $m\angle DEC =$ _____
- 8) If $m\angle 4 = 3x + 15$, then $x =$ _____
- 9) If $AE = 3x - 2$ and $EC = 2x + 3$, then $DB =$ _____
- 10) If $AD = 2x - 1$ and $BC = 5x - 13$, then



$AD =$ _____, $BC =$ _____, $AB =$ _____, $DC =$ _____