Polygon

Write True or False in the boxes

1) A square is a regular polygon.

2) A triangle has three diagonals.

3) Sum of interior angles of a regular hexagon is 720°

4) A n-sided convex polygon has $\frac{n(n-3)}{2}$ diagonals.

5) Right angled triangle is a regular polygon.

6) In convex polygons each angle is less than 180°.

7) A heptagon has eight sides.

8) Each interior angle of a nonagon is 140°.

9) The number of sides in a polygon must be a whole number.

10) A decagon has 35 diagonals.