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. ☐