

Std VIII

- a. 50 b. 46 c. 64 d. 80
5. Amit thought of a number and gave his sister this clue to guess it:
“Three times the square of a number equals 15 times the number.”
What is Amit’s number?
- a. 6 b. 5 c. 7 d. 10
6. If X and Y are the lengths of the sides of a right-angled triangle with a hypotenuse of 13 and an area of 30, then what is the value of $(X + Y)^2$?
- a. 289 b. 300 c. 115 d. 225
7. The sum of the interior angles of a polygon is twice the sum of its exterior angles. Find the number of sides of the polygon.
- a. 7 b. 8 c. 6 d. 5