

BCM SCHOOL, BASANT AVENUE, DUGRI, LUDHIANA.
ANSWER KEY NOVEMBER ASSIGNMENT
CLASS- VIII (MATHEMATICS)
TOPICS: UNDERSTANDING QUADRILATERALS, FACTORISATION & INTRODUCTION TO GRAPHS

SECTION –A (MULTIPLE CHOICE QUESTIONS)

1. b) (+, -)
 2. b) 36°
 3. d) A is false but R is true

SECTION – B(2 MARKS QUESTIONS)

4. 75°, 105°, 75°, 105°
 5. $\{5(x + y)\}^2 - \{6(x - 2y)\}^2$
 $(11x - 7y) (17y - x)$

SECTION – C (3 MARKS QUESTIONS)

6. Perimeter = 2 (4x + 3x) = 14x
 X = 4
 7. $15x^2 - 20x - 6x + 8$
 $(3x - 4) (5x - 2)$

SECTION – D (5 MARKS QUESTIONS)

8. S.I. = $\frac{P \times R \times T}{100}$
 S.I. = $\frac{100 \times 5 \times T}{100} = 5T$

Year (T)	1	2	3	4	5
S.I.	5	10	15	20	25

9. $\frac{(x-4)(x+4)}{(x+6)(x+2)}$