

Find the unit digit of the numeric expressions.

Find the value of v

10000 Tasse + 11111 TTTT



- 33. If the three angles of a triangle are in the ratio 3:5:4, then find them.
- 34. Identify the like term: 12x3y2z, -y3x3z, 4z3y3x, 6x3z2y, -5y3x2z.
- 35. Write the relationship between x and y from the given table.

X	1	2	3	4
У	4	8	12	16

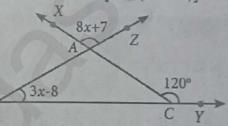
(OR)

PART - III

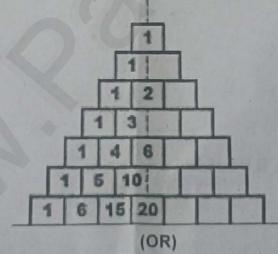
VI. Answer any 5 of the following:

5x3=15

- 36. Express the following decimal numbers in place value grid and write the place value of the underlined digit. (i) 263.271 (ii) 428.001 (iii) 9.657
- 37. Express the following in meter using decimals. (i) 7cm (ii) 43cm (iii) 6m 6cm
- 38. The area of the circular region is 2464cm<sup>2</sup>. Find its radius and diameter (use  $\pi = \frac{22}{7}$ )
- 39. A Rose garden is in the form of circle of radius 63 m. The gardener wants to fence it at the rate of ₹150 per metre. Find the cost of fencing?
- 40. Simplify using laws of exponents.
- (i)  $(5^2 \times 5^8) \div 5^5$
- (ii)  $\frac{4^5 \times a^8 \times b^3}{4^3 \times a^5 \times b^2}$
- 41. Simplify and find the degree of the expression.  $4x^2 3x [8x (5x^2 8)]$
- 42. Find the value of x. in the given triangle.



43. Complete the pascal's Triangle by taking the number 1 , 2 , 6 ,20 as line of symmetry.



If a = 3 and b = 2 then find the value of following

(i) ab + ba (ii) aa - bb

PART - IV

VII. Answer any one of the following.

1x5=5

- 44. a) Draw a triangle XYZ given that XY = 6 cm, YZ = 5.5 cm and ZX = 5 cm.
  - (OR)
  - b) Draw a triangle PQR given that  $\angle P = 60^{\circ}$ ,  $\angle R = 35^{\circ}$  and PR = 7.8cm.

CH/7/J/Mat/2