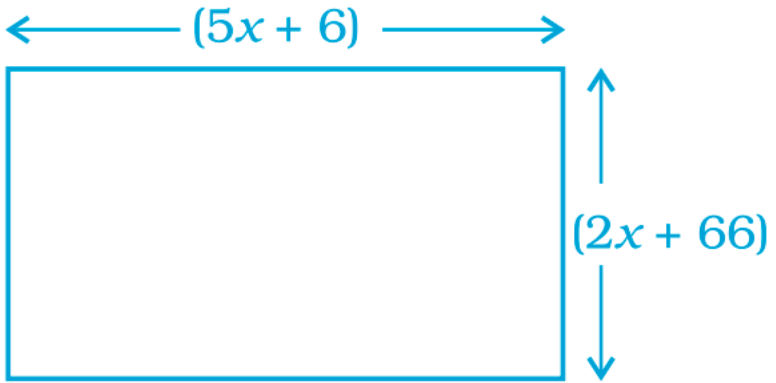
121. Huma, Hubna and Seema received a total of Rs. 2,016 as monthly allowance from their mother such that Seema gets $\frac{1}{2}$ of what Huma gets and Hubna gets $1\frac{2}{3}$ times Seema's share. How much money do the three sisters get individually?

122. A mother and her two daughters got a room constructed for Rs. 62,000. The elder daughter contributes $\frac{3}{8}$ of her mother's contribution while the younger daughter contributes $\frac{1}{2}$ of her mother's share. How much do the three contribute individually?

111. For what value of x is the perimeter of shape 186 cm?



112. On dividing Rs. 200 between A and B such that twice of A's share is less than 3 times B's share by 200, B's share is?

7. Which of the following is a binomial?

(a) $7 \times a + a$ (b) $6a^2 + 7b + 2c$

(c) $4a \times 3b \times 2c$ (d) $6\ (a^2 + b)$

8. Sum of $a - b + ab$, $b + c - bc$ and $c - a - ac$ is

(a) $2c + ab - ac - bc$ (b) $2c - ab - ac - bc$

(c) $2c + ab + ac + bc$ (d) $2c - ab + ac + bc$

9. Product of the following monomials $4p$, $-7q^3$, $-7pq$ is

(a) $196\ p^2q^4$ (b) $196\ pq^4$ (c) $-196\ p^2q^4$ (d) $196\ p^2q^3$

10. Area of a rectangle with length $4ab$ and breadth $6b^2$ is

(a) $24a^2b^2$ (b) $24ab^3$ (c) $24ab^2$ (d) $24ab$

36. $5^0 =$ _____.

37. $5^5 \times 5^{-5} =$ _____.

38. The value of $\left(\frac{1}{2^3}\right)^2$ is equal to _____.

39. The expression for 8^{-2} as a power with the base 2 is _____.

40. Very small numbers can be expressed in standard form by using _____ exponents.

41. Very large numbers can be expressed in standard form by using _____ exponents.

42. By multiplying $(10)^5$ by $(10)^{-10}$ we get _____.

43. $\left[\left(\frac{2}{13}\right)^{-6} \div \left(\frac{2}{13}\right)^3\right]^3 \times \left(\frac{2}{13}\right)^{-9} =$ _____

44. Find the value $[4^{-1} + 3^{-1} + 6^{-2}]^{-1}$.

76. A quadrilateral can be constructed uniquely if its three sides and _____ angles are given.

77. A rhombus is a parallelogram in which _____ sides are equal.

78. The measure of _____ angle of concave quadrilateral is more than 180°.

79. A diagonal of a quadrilateral is a line segment that joins two _____ vertices of the quadrilateral.

80. The number of sides in a regular polygon having measure of an exterior angle as 72° is _____.

81. If the diagonals of a quadrilateral bisect each other, it is a _____.

82. The adjacent sides of a parallelogram are 5 cm and 9 cm. Its perimeter is _____.

83. A nonagon has _____ sides.

84. Diagonals of a rectangle are _____.

85. A polygon having 10 sides is known as _____.

86. A rectangle whose adjacent sides are equal becomes a _____.

87. If one diagonal of a rectangle is 6 cm long, length of the other diagonal is _____.

78. If a and b vary inversely to each other, then find the values of p, q, r ; x, y, z and l, m, n.

(i)

a	6	8	q	25
b	18	p	39	r

(ii)

a	2	y	6	10
b	x	12.5	15	z

87. 44 cows can graze a field in 9 days. How many less/more cows will graze the same field in 12 days?