IX - Mathematics Assignment No-04 - Heron's Formula - Area

(Q1) The base of an isoscels △ is 8cm and its area is 12 cm². Find the length of each equal side except the base

(Q2) Find the height of an equilateral △ whose perimeter is 63 m. Also find its area.

(Q3) The perimeter of a right triangle is 144 cm. Its hypotenuse is 65 cm. Find the length of the legs of this triangle

(Q4) The base of a triangular field is 2½ times its height. If the cost of turfing it at Rs 35 per 100 m² is Rs 700. Find its base

(Q5) The area of a right triangle is 50 m². If one of the legs is 20m, find the other

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(26) The Cost of Cultivating a field in the form of a parallelogram at Rs 1.10 per square metre is Rs 1925. If the length of one pair of parallel sides is 100m. Find the distance between that pair of parallel side

(27) A parallelogram, the measure of whose sides are 60m and 25m has one diagonal as 65m long. Find the area of 119m.

(28) The perimeter of a rhombus ABCD is 100m. If the diagonal AC is 14m. Find the diagonal BD and also area of rhombus.

(29) The area of rhombus is 150 m^2. 2h one side is 15 m. Find the height of rhombus

(210) The measures of the sides of a cyclic quald are 36cm, 77cm, 75cm and 40cm. Find it area.

ANSWERS

(21)	5 Cm	(4)	100 m	(7)	750 m^2	2886 cm^2
(2)	18.18 Cm	(5)	5 m	(8)	48 m	
	190.95 cm^2	(6)	35 m		336 m^2	
(3)	16 Cm, 63 Cm			(9)	10 m	