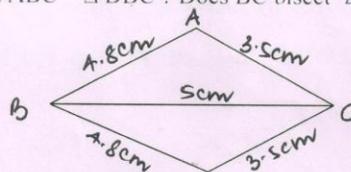


DELHI PUBLIC SCHOOL, JAMMU
Assignment Sheet - II
Session - 2018-19

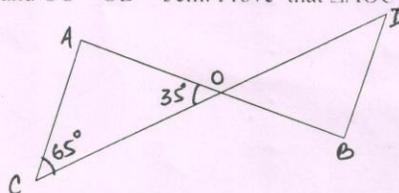
CLASS-VII

SUBJECT-MATHS

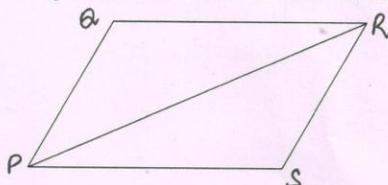
- Q1: Sanjay divides Rs.5000 among his sons Rakesh and Ritesh in the ratio 3 : 5. Find the share of each of them.
- Q2: The population of a town in 2011 was 18,00,000 and in 2012 was 21,00,000. Find the increase or decrease percent.
- Q3: Manjeet got 352 out of 400 and Manoj got 522 out of 600 in an examination. Whose performance is better?
- Q4: Mohsin lent a sum of money at 10% per annum simple interest and received an interest of Rs.2160 in 6 years. Find the sum lent.
- Q5: At what rate percent per annum Rs. 2500 brings Rs.375 as interest for 3 years?
- Q6: Out of an income of Rs.25,000, Rohan spends Rs.16,500. What percent of his income does he save?
- Q7: Construct ΔPQR in which $PQ = 5.5\text{cm}$, $\angle P = 60^\circ$ and $\angle R = 90^\circ$.
- Q8: Construct ΔABC with $AB = 4.5\text{cm}$, $BC = 3.6\text{cm}$ and $\angle B = 120^\circ$.
- Q9: In the given figure, Lengths of each sides are given. Is $\Delta ABC = \Delta DBC$? Does BC bisect $\angle ABD$? Give reasons in support of your answer.



- Q10: In the given figure, lines AB and CD intersect at O and $OC = OD = 5\text{cm}$. Prove that $\Delta AOC = \Delta BOD$.



- Q11: In the given figure, $PQ = SR$, $PQ \parallel SR$. Prove that $\Delta PSR = \Delta RQP$. Is $PS = QR$?



- Q12: Draw a line, say AB, take a point D outside it. Through D, draw a line 'm' parallel to AB using ruler and compasses only.

- Q13: An article was sold for Rs.250 with a profit of 5%. What was its cost price?