

DELHI PUBLIC SCHOOL, JAMMU
SESSION 2018-19
ASSIGNMENT NO. 1

CLASS-VII

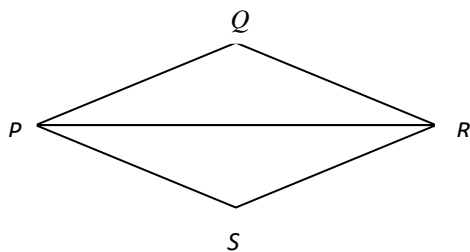
SUBJECT-MATHS

SECTION -A

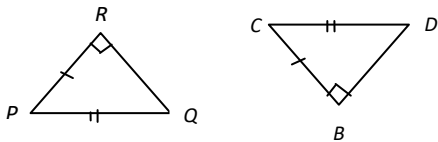
- Q1. Find the ratio of 1 hour to 45 minutes.
- Q2. Convert $\frac{37}{50}$ into percentage.
- Q3. Write the formula to calculate percentage increase.
- Q4. In a class, 30% students are girls. What percent of boys are there in the class.
- Q5. Write the condition of congruence for two angles.
- Q6. Check, whether the construction of a triangle is possible with sides 4cm, 3cm and 8cm.

SECTION-B

- Q7. Find x , if $x\%$ of 36 is 45 .
- Q8. What percent of 4kg is 250 gram?
- Q9. A man buys TV set for Rs 12500 and sells it for Rs 12000. Find his Loss and Loss %.
- Q10. An article was bought for Rs. 120 and sold for Rs. 135. Find the gain or Loss %.
- Q11. Find the principal when the amount is Rs. 3600 and interest is Rs 200.
- Q12. In $\triangle PQR$ and $\triangle PSR$, where $PQ=PS$ and $QR=SR$. Show that $\triangle PQR$ and $\triangle PSR$ are congruent.



- Q13. Show that $\triangle PRQ \cong \triangle CBD$. State three pairs of equal parts.



- Q14. Draw a line PQ. Mark a point O outside the line. Through O draw a line Parallel to line PQ.
- Q15. Construct a $\triangle ABC$ with $AB=7\text{cm}$, $BC=5\text{cm}$, $AC=4\text{cm}$.