



Class VII

Max. Marks: 20

10.01.2019

Duration: 45min.

1. If $\triangle ABC \cong \triangle PQR$, then write the part of $\triangle ABC$ that corresponds to $\angle R$. [1]
2. Find 25% of 2500. [1]

3. Write the standard form of $\frac{24}{-64}$.

OR

Write the reciprocal of $\frac{-5}{9}$ [1]

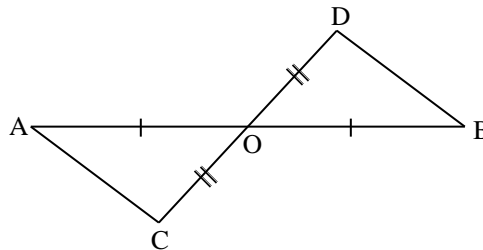
4. A shopkeeper bought a table for Rs.7500 and sold it for Rs.9000. Find the gain per cent.

OR

Divide 25 sweets between Sana & Hana so that they get 40% and 60% of them respectively. [2]

5. Compare $\frac{-7}{5}$ and $\frac{5}{-3}$ [2]

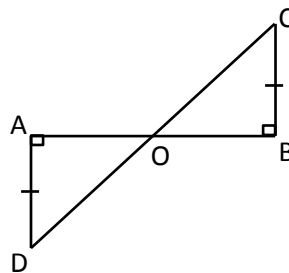
6. In fig. AB and CD bisect each other at O.



Show that $\angle A = \angle B$

OR

In fig. AD and BC are equal perpendiculars to a line segment AB.



Show that CD bisects AB [3]

7. The cost of a flower vase is Rs.120. If the shopkeeper sells it at a loss of 10%, find the price at which it is sold. [3]

8. Add: $-2\frac{1}{3} + 4\frac{3}{5}$

OR

Divide: $\frac{10}{18} \div \frac{45}{81}$ [3]

9. Rs.11000 is borrowed at 4.5% rate of interest per annum for 3 years. Find the interest and amount to be paid at the end of the third year.

OR

How long will it take for a sum of Rs .12600 invested at 8% per annum to become Rs.15624? [4]



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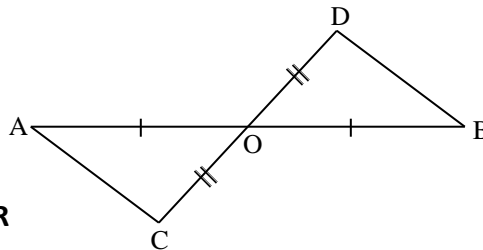
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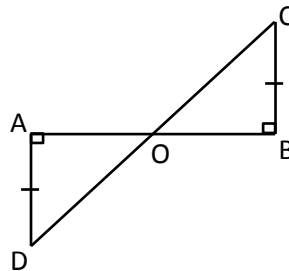
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