



ASSIGNMENT NO. 2

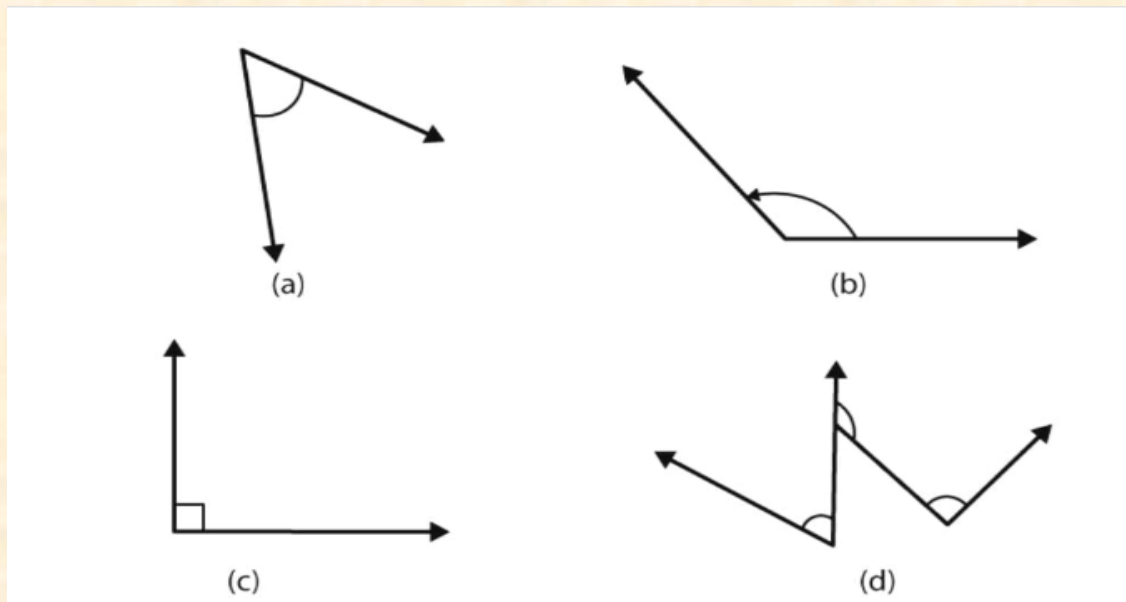
SUBJECT: MATHEMATICS

CLASS-VI

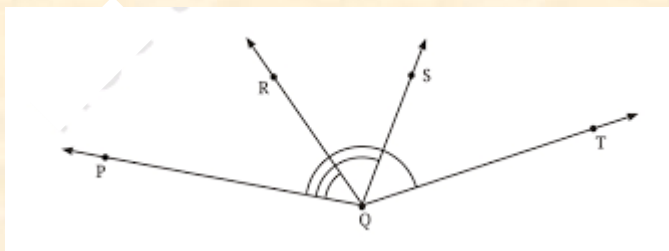
MAY'2025

LINES AND ANGLES

Q1) Measure the given angles using protractor, then classify each angle as acute, obtuse, right, or reflex.



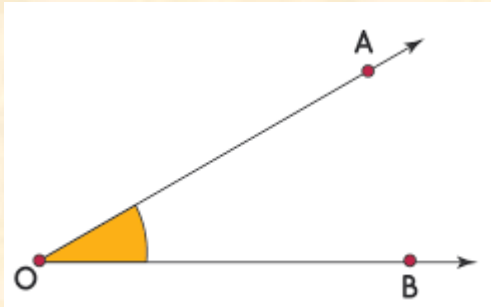
Q2) Find the degree measures of $\angle PQR$, $\angle PQS$ and $\angle PQT$.



Q3) Use a protractor to draw angles having the following degree measures:

- a) 45° b) 110° c) 165° d) 75° e) 95°

Q4) Measure $\angle AOB$ given in the figure and construct an angle $\angle PQR$ equal to $\angle AOB$.



Q5) The hands of a clock make different angles at different times. What will be the angle made by the hands of a clock:

- a) At 5 o'clock?
- b) At 6 o'clock?
- c) At 8 o'clock?

Q6) Assertion – Reason based question:

Assertion: Ashok Chakra has 36 spokes. The angle between adjacent spokes is 10° .

Reason: The angle between the adjacent spokes = $360^\circ \div \text{No. of spokes}$.

- (a) Both Assertion and Reason are correct and Reason is the correct explanation of Assertion.
- (b) Both Assertion and Reason are correct, but Reason is not the correct explanation of Assertion.
- (c) Assertion is correct but Reason is incorrect.
- (d) Assertion is incorrect but Reason is correct.