

Name of Student: -

Div.: -

Q.1 In the figure given below, each angle is shown by a letter.

1. Corresponding angle of $\angle a$ is

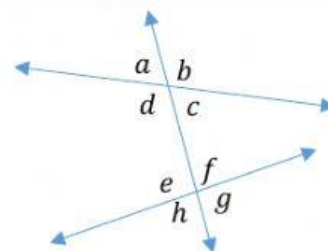
- i) $\angle c$ ii) $\angle e$ iii) $\angle f$ iv) $\angle h$

2. Interior angle of $\angle c$ is

- i) $\angle d$ ii) $\angle e$ iii) $\angle f$ iv) $\angle b$

3. Alternate angle of $\angle f$ is

- i) $\angle e$ ii) $\angle c$ iii) $\angle a$ iv) $\angle d$



Q.2 When two parallel lines are intersected by a transversal, the angles formed in each pair of **corresponding angles** are

- i) Congruent ii) Supplementary iii) Complementary

Q.3 When two parallel lines are intersected by a transversal, the angles formed in each pair of **alternate angles** are

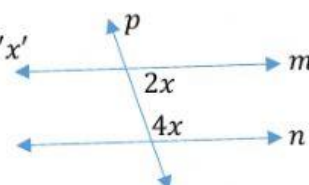
- i) Congruent ii) Supplementary iii) Complementary

Q.4 When two parallel lines are intersected by a transversal, the angles formed in each pair of **interior angles** are

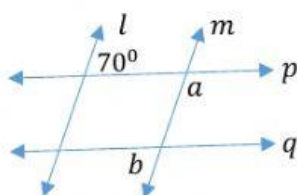
- i) Congruent ii) Supplementary iii) Complementary

Q.5 In the adjoining figure, if line $m \parallel$ line n and line p is transversal then find ' x '

- i) 30° ii) 45° iii) 90° iv) 36°



Q.6



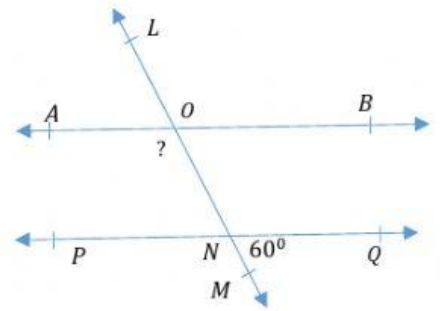
In the adjoining figure, line $p \parallel$ line q and line $l \parallel$ line m .

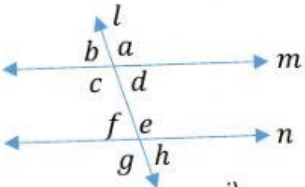
Find measure of $\angle a =$

- i) 115° ii) 105° iii) 110° iv) 70°

- Q.7 In the adjoining figure, line $AB \parallel$ line PQ and line LM is transversal,
And $m\angle MNQ = 60^\circ$, then find $m\angle AON$?

- i) 180° ii) 120° iii) 60° iv) 90°



- Q.8 

In the adjoining Figure, line $m \parallel$ line n and line l is a transversal, If $m\angle b = (x + 30)^\circ$, and $m\angle e = (2x + 30)^\circ$, find x .

- i) 40° ii) 80° iii) 120° iv) 60°