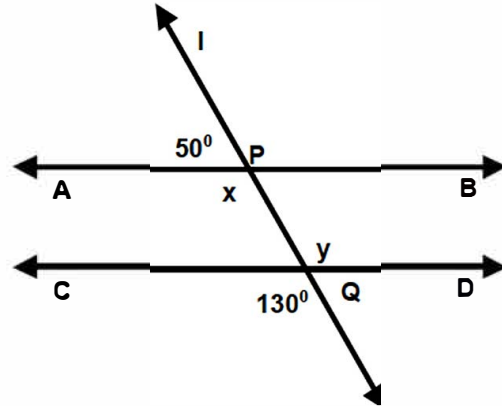
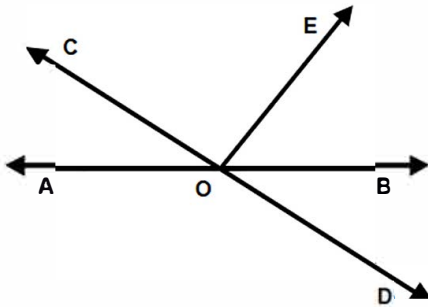


Exercise C

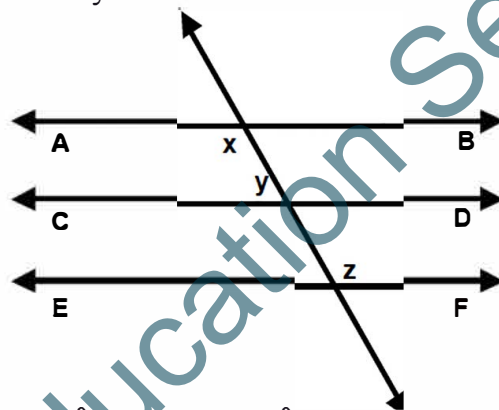
1. In fig. the values of x and y are equal to:

- (a) 130° (b) 150° (c) 160° (d) 135°



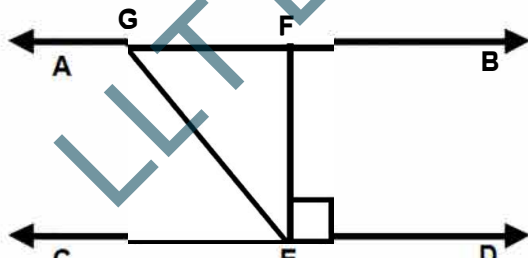
2. In fig. AB and CD intersect each other at O. If $\angle AOC + \angle BOE = 70^{\circ}$ and $\angle BOD = 40^{\circ}$ then the value of $\angle COE$ is
 (a) 250° (b) 70° (c) 30° (d) 50°

3. In fig, if $AB \parallel CD$, $CD \parallel EF$ and $y : z = 3 : 7$ then value of x is:



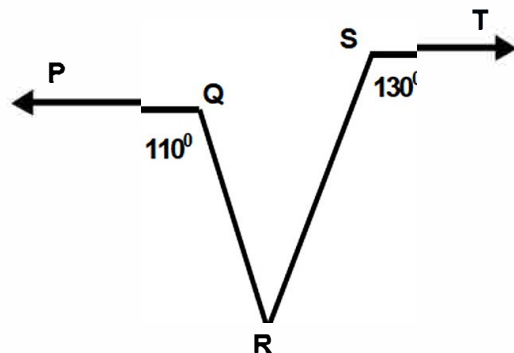
- (a) 126° (b) 120° (c) 58° (d) 62°

4. In fig, if $AB \parallel CD$, $EF \perp CD$ and $\angle GED = 126^{\circ}$ then the value of $\angle AGE$ is

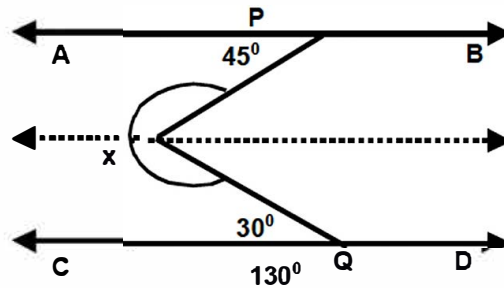
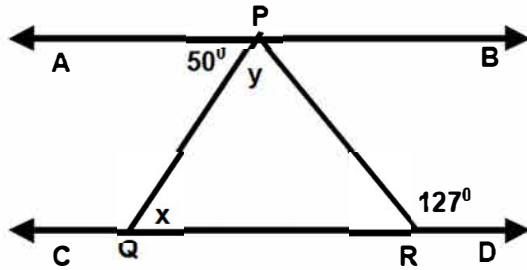


- (a) 126° (b) 120° (c) 128° (d) 54°

5. In fig, if $PQ \parallel ST$, $\angle PQR = 110^{\circ}$ and $\angle RST = 130^{\circ}$ then the value of $\angle QRS$ is
 (a) 60° (b) 120° (c) 80° (d) 90°

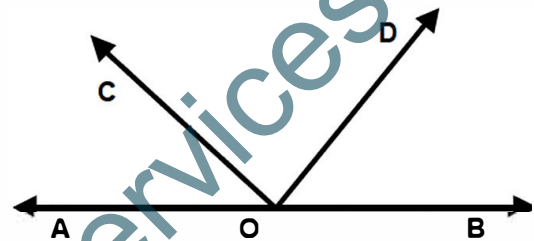


6. In fig., $AB \parallel CD$, $\angle APQ = 50^\circ$, $\angle PRD = 127^\circ$, then the value of x and y respectively are
 (a) 50° and 77° (b) 40° and 85° (c) 60° and 90° (d) 85° and 75°

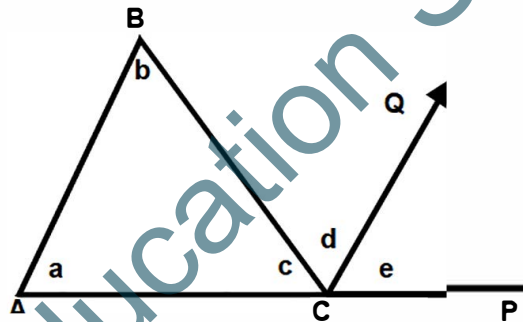


7. In fig, $AB \parallel CD$, the value of x is:
 (a) 185° (b) 280° (c) 285° (d) 195°

8. In fig, if $\angle AOC$, $\angle COD$ are equal and $\angle BOD$ is a right angle, then the values of $\angle AOC$ and $\angle COD$ are:
 (a) 60° (b) 30° (c) 45° (d) 90°



9. In fig, the sum of $\angle a$ and $\angle b$ is:
 (a) $\angle c + \angle d$ (b) $\angle d + \angle e$
 (c) $\angle b + \angle c$ (d) $\angle a + \angle c$



10. In triangle interior opposite angle is always less than:
 (a) any angle of the triangle (b) opposite angle
 (c) right angle (d) exterior angle
11. In a triangle sum of two interior opposite angles is always equal to:
 (a) third angle (b) opposite angle
 (c) right angle (d) none of these
12. In a triangle exterior angle is always greater than:
 (a) third angle (b) interior opposite angles
 (c) right angle (d) none of these