

- c) 135° d) 45°

12. Two complementary angles are in the ratio 2 : 3. What is the measure of the small angle?

- a) 36° b) 60°
 c) 46° d) 45°

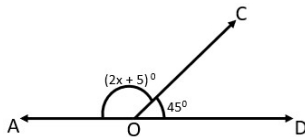
13. The sum of an angle and half of its complimentary angle is 75° . Find the measure of the angle.

- a) 120° b) 60°
 c) 135° d) 45°

14. Two supplementary angles are in 2 : 7 ratio, find the larger angle.

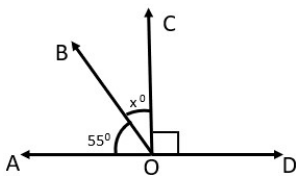
- a) 120° b) 60°
 c) 140° d) 40°

15. Find the value of 'x' in the below given diagram.



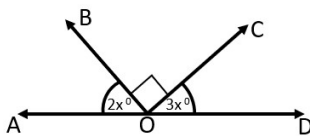
- a) 36° b) 60°
 c) 46° d) 65°

16. Find the value of 'p' in the below given diagram.



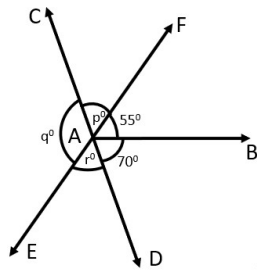
- a) 35° b) 60°
 c) 46° d) 65°

17. If $\angle AOD$ is 180° , then find the values of 'x'.



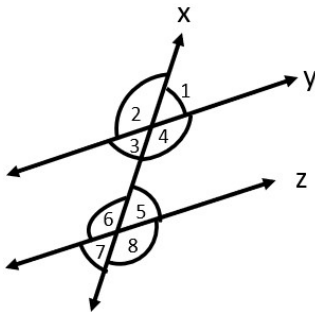
- a) 36° b) 18°
 c) 46° d) 54°

18. In the below mentioned diagram if AB, CD and EF are straight lines, then $p + q + r =$ _____.



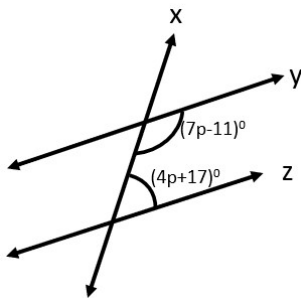
- | | |
|----------------|----------------|
| a) 120° | b) 160° |
| c) 235° | d) 240° |

19. Which option is true for the below diagram.



- | | |
|--|--|
| a) $\angle 1 = \angle 8$ & $\angle 2 = \angle 7$ | b) $\angle 6 = \angle 7$ & $\angle 5 = \angle 8$ |
| c) $\angle 3 = \angle 6$ & $\angle 4 = \angle 5$ | d) $\angle 2 = \angle 6$ & $\angle 1 = \angle 5$ |

20. In the below diagram find the value of 'p'.



- | | |
|---------------|---------------|
| a) 16° | b) 18° |
| c) 26° | d) 14° |