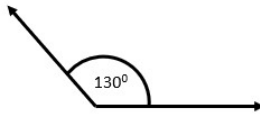


9. What is the supplement of below given angle?



- a) 60°
- b) 75°
- c) 30°
- d) 50°

10. Identify which of the pair of angles are complementary?

- a) $60^\circ, 40^\circ$
- b) $75^\circ, 25^\circ$
- c) $30^\circ, 60^\circ$
- d) $50^\circ, 50^\circ$

11. Identify which of the pair of angles are supplementary?

- a) $160^\circ, 20^\circ$
- b) $175^\circ, 25^\circ$
- c) $130^\circ, 60^\circ$
- d) $150^\circ, 50^\circ$

12. Which angle is equal to its complement?

- a) 60°
- b) 75°
- c) 45°
- d) 50°

13. Which angle is equal to its supplement?

- a) 60°
- b) 75°
- c) 45°
- d) 90°

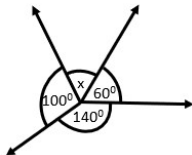
14. Two complementary angles are $(p + 5)^\circ$ and $(p + 15)^\circ$, find the value of 'p'.

- a) 60°
- b) 35°
- c) 45°
- d) 90°

15. Two supplementary angles are in ratio of 4 : 5, find the angles.

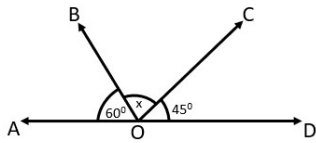
- a) $80^\circ, 100^\circ$
- b) $75^\circ, 105^\circ$
- c) $30^\circ, 150^\circ$
- d) $70^\circ, 110^\circ$

16. Find the value of 'x' in the below given diagrams.



- a) 70°
- b) 75°
- c) 60°
- d) 80°

17. Find the value of 'x' in the below given diagrams.



a) 70°

b) 75°

c) 60°

d) 80°

18. If one angle of a linear pair is obtuse, then the other angle is _____.

a) Acute

b) Right

c) Straight

d) Obtuse

19. If an angle is one fourth of its supplement, then the measure of the angle is _____.

a) 70°

b) 144°

c) 60°

d) 36°

20. Supplement of an obtuse angle is _____.

a) Acute

b) Right

c) Straight

d) Obtuse