

a) 7

b) 10

c) 8

d) 12

13. Find the number of sides of a regular polygon whose each exterior angle is equal to 18° .

a) 10

b) 15

c) 18

d) 20

14. If the exterior angles of a polygon are in the ratio of $1 : 2 : 3 : 4 : 5$, then find the largest interior angle.

a) 148°

b) 156°

c) 254°

d) 150°

15. Find the interior angles of a regular hexagon?

a) 120°

b) 135°

c) 145°

d) 155°

16. If all the angles of a 12-sided polygon are equal then find the measure of each angle.

a) 120°

b) 135°

c) 145°

d) 150°

17. Find the sum of exterior angles of a polygon having 120 sides.

a) 370°

b) 345°

c) 360°

d) 365°

18. In a pentagon, two angles are 30° and 50° , and rest angles are in the ratio of $2 : 3 : 5$. Find the largest angle of the pentagon.

a) 320°

b) 230°

c) 150°

d) 160°

19. Two angles of a polygon are right angles and remaining angles are 120° . Find the number of sides of the polygon.

a) 7

b) 4

c) 8

d) 5

20. The sum of interior angles of a regular polygon is twice the sum of its exterior angles. Find the number of sides of the polygon.

a) 7

b) 6

c) 8

d) 5