

13. The measure of each interior angle of a regular polygon is 140° then number of sides that regular polygon has _____

- (a) 15 (b) 12 (c) 9 (d) 10

14. The sum of the three consecutive even numbers is 222. Find the numbers.

- a) 73, 74, 75 b) 74, 74, 74 c) 72, 74, 76 d) none

15. The ratio of girls: boys in a school is 5: 7. if there are 525 girls, how many boys are there?

- a) 375 b) 625 c) 735 d) 325

16. I climb half the steps in a staircase. Next I climb one-third of the remaining steps. The I climb one-eighth of the rest and stop to catch my breath. What is the smallest possible number of steps in the staircase?

- a) 24 b) 22 c) 13 d) 15

17. In a group of 25 girls, 8 run for the track team, 13 are on the math team, and 6 are on both teams. How many of the girls are not on either team?

- a) 11 b) 10 c) 20 d) 30

18. The length of the longest pole that can be put in a room of dimensions 10m x 10m x 5m is

- a) 16m b) 15m c) 10 m d) 12 m

19. Look at this series: 53, 53, 40, 40, 27, 27, ... What number should come next?

- a) 12 b) 14 c) 27 d) 53

20. . Which of the following polygons is convex polygon ?

- (a) circle b) triangle c) line segment d) none

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