

CSS General Abilities Chapter 3 Online Entry Test

Sr	Questions	Answers Choice
1	Question Image	A. 15.4 B. 48.6 C. 71.4 D. 93.7
2	Question Image	A. 1 + √2 B. 2 + √2 C. 4 D. 2 + 2 √2 E. 6
3	Question Image	A. 1/2 B. 1 C. √2 D. 2 E. 2√2
4	Question Image	A. 98 B. 100 C. 102 D. 104 E. 106
5	Question Image	A. 18 B. 24 C. 12 + 12 √3 D. 18 + 6 √3 E. 24√2
6	Question Image	A. 18 B. 72 C. 18√3 D. 36√3 E. 36√2
7	Question Image	A. 48 B. 60 C. 72 D. 96 E. 108
8	Question Image	A. 24 B. 32 C. 40 D. 48 E. 60
9	Question Image	A. 1.5 B. 1.75 C. 3 D. 2√2 E. 3√2
10	Question Image	A. 3 B. $2 + 3\sqrt{2}$ C. $3 + 2\sqrt{2}$ D. 5 E. 8
11	Question Image	A. 360 B. 540 C. 720 D. 900 E. 1080
12	In quadrilateral WXYZ, the measure of angle Z is 1 more than twice the average of the measures of the three angles. What is the measure of angle Z?	A. 100 B. 105 C. 120 D. 135 E. 150
13	The length of a rectangle is 5 more than the side of a square, and the width of the rectangle is 5 less than the side of square. If the area of the square is 45, what is the area of the rectangle ?	A. 20 B. 25 C. 45 D. 50

		E. 10
14	How many sides does a polygon have if the measure of each interior angle is 8 times the measure of each exterior angle ?	A. 8 B. 9 C. 10 D. 12 E. 18
15	If the angles of a five-sided polygon are in the ratio of $2:3:3:5:5$, what is the measure of the smallest angle ?	A. 20 B. 40 C. 60 D. 80 E. 90
16	If the length of a rectangle is 4 times its width, and if its area is 144, what is the perimeter?	A. 6 B. 24 C. 30 D. 60 E. 96
17	If A is the area and C is the circumference of a circle, which of the following is an expression for C in terms of A?	A. 2√/A B. 2π/√A C. 2√A/π D. 2√πA
18	What is the circumference of a circle whose area is 100π ?	A. 10 B. 20 C. 10π D. 20π
19	What is the area of a circle whose circumference is $\pi/2\ ?$	A. π/16 B. π/4 C. π/2 D. π
20	In circle of radius 5 cm, AB and AC are two equal chords such that AB = AC = 6 cm. What is the length of the chord BC ?	A. 9.6 cm B. 11 cm C. 12 cm D. 9 cm