

## Quantitative Reasoning Geometry Test For NAT

Sr	Questions	Answers Choice
1	A rectangular lot 50 feet by 100 feet is surrounded on all sides by a concrete walk 5 feet wide. Find the number of square feet in the surface of the walk.	A. 1600 B. 5250 C. 5500 D. 6100
2	Question Image	A. 40 B. 50 C. 120 D. 130
3	An angle is 30 <sup>0</sup> more than one-half its complement. Find the angle.	A. 20 <sup>o</sup> B. 30 <sup>o</sup> C. 50 <sup>o</sup> D. 60 <sup>o</sup>
4	Question Image	A. 41 <sup>O</sup> B. 65 <sup>O</sup> C. 115 <sup>O</sup> D. 106 <sup>O</sup>
5	If the redius of a circle is increased by 20% then the area is increased by	A. 44% B. 120% C. 144% D. 40%
6	If the sum of the interior angles of a regular polygon measures up to 1440 degrees, how many sides does the polygon have ?	A. 10 sides B. 8 sides C. 12 sides D. 9 sides
7	Question Image	A. a B. 90-a C. 180-a/2 D. 180-a
8	Question Image	A. 20 B. 25 C. 40 D. 50
9	Question Image	A. 30 B. 39 C. 80 D. 78
10	Question Image	A. 55 B. 70 C. 110 D. 125
11	Question Image	A. 5 B. 10 C. 110 D. 125
12	Question Image	A. 780 B. 585 C. 1170 D. 540
13	Question Image	A. 40 B. 50 C. 90 D. 130
14	Question Image	A. a-180  B. 2a-180  C. 180-2a  D. 180-b
15	A rectangle is 16 cm long and 10 cm wide. If the length is reduced by k cm and its width is increased also by k cm so as to make it a square then its area changes by	A. 169 B. 256 C. 100 D. 9

		E. None of the above
16	Question Image	A. 50 m B. 64 m C. 72 m D. 84 m
17	Question Image	A. 24 B. 12√2 C. 16√2 D. 48
18	Question Image	A. 15 B. 30 C. 45 D. 72
19	Question Image	A. b B. b-180 C. 90-b D. 180-b
20	Question Image	Α. 4π Β. 18π C. 28π D. 32π