

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 <input style="width: 500px; height: 20px;" type="text"/>	A. $b-180$ B. $b-90$ C. $180-a/2$ D. $180-a$
3	If the radius of a circle is increased by 20% then the area is increased by	A. 44% B. 120% C. 144% D. 40%
4	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 15 B. 30 C. 45 D. 72
5	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 41° B. 65° C. 115° D. 106°
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 <input style="width: 500px; height: 20px;" type="text"/>	A. 24 B. $12\sqrt{2}$ C. $16\sqrt{2}$ D. 48
8	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 40 B. 50 C. 120 D. 130
9	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 55 B. 70 C. 110 D. 125
10	If the area of two circles are in the ratio 169 : 196 then ratio of their radii is	A. 13 : 11 B. 10 : 13 C. 14 : 13 D. 13 : 14
11	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 4π B. 18π C. 28π D. 32π
12	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 5 B. 10 C. 110 D. 125
13	A 4 cm cube is cut into 1 cm cubes. What is the percentage increase in the surface area after such cutting ?	A. 4% B. 300% C. 75% D. 400%
14	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 20 B. 25 C. 40 D. 50
15	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 780 B. 585 C. 1170 D. 540

16

Question Image

- A. 50 m
- B. 64 m
- C. 72 m
- D. 84 m

17

Question Image

- A. $a-180$
- B. $2a-180$
- C. $180-2a$
- D. $180-b$

18

Question Image

- A. 30
- B. 39
- C. 80
- D. 78

19

Question Image

- A. b
- B. $b-180$
- C. $90-b$
- D. $180-b$

20

Question Image

- A. a
- B. $90-a$
- C. $180-a/2$
- D. $180-a$