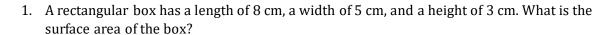
Raid 4: Surface Area Showdown in the Shape Temple



- A) 94 cm²
- B) 158 cm²
- C) 122 cm²
- D) 136 cm²
- 2. A cylinder has a radius of 4 cm and a height of 10 cm. Use π = 3.14. What is the surface area of the cylinder?
 - A) 351.68 cm²
 - B) 452.16 cm²
 - C) 351.44 cm²
 - D) 351.36 cm²
- 3. A cone has a radius of 6 cm and a slant height of 10 cm. Use π = 3.14. What is the surface area of the cone?
 - A) 282.6 cm²
 - B) 226.08 cm²
 - C) 300.14 cm²
 - D) 254.34 cm²
- 4. A square pyramid has a base side length of 5 cm and a slant height of 7 cm. What is the surface area of the pyramid?
 - A) 125 cm²
 - B) 110 cm²
 - C) 100 cm²
 - D) 105 cm²
- 5. A sphere has a radius of 9 cm. Use π = 3.14. What is the surface area of the sphere?
 - A) 1017.36 cm²
 - B) 1020 cm²
 - C) 987.36 cm²
 - D) 904.32 cm²



- A cylinder has a radius of 3 cm and height of 7 cm. Use π = 3.14. What is the surface area?
 A) 188.4 cm²
 B) 195.3 cm²
- 7. A rectangular prism has dimensions 6 cm, 4 cm, and 2 cm. What is its surface area?
 - A) 88 cm²
 B) 92 cm²

C) 200.96 cm² D) 185.22 cm²

- C) 100 cm²
- D) 96 cm²
- 8. A cone has a radius of 5 cm and slant height of 13 cm. Use π = 3.14. Find its surface area.
 - A) 282.6 cm²
 - B) 282.5 cm²
 - C) 282.7 cm²
 - D) 283 cm²
- 9. A pyramid has a square base of side 8 cm and slant height 6 cm. What is the surface area?
 - A) 160 cm²
 - B) 180 cm²
 - C) 192 cm²
 - D) 200 cm²
- 10. A sphere has radius 10 cm. Use π = 3.14. What is the surface area?
 - A) 1256 cm²
 - B) 1256.64 cm²
 - C) 1248 cm²
 - D) 1250 cm²
- 11. A cube has side length 5 cm. What is the surface area of the cube?
 - A) 125 cm²
 - B) 150 cm²
 - C) 100 cm²
 - D) 75 cm²



- 12. A cylinder has radius 2 cm and height 5 cm. Use π = 3.14. What is its surface area?
 - A) 87.92 cm²
 - B) 92.6 cm²
 - C) 87.2 cm²
 - D) 90 cm²
- 13. A triangular prism has a base area of 30 cm², perimeter of base 24 cm, and height 10 cm. What is the surface area?
 - A) 240 cm²
 - B) 300 cm²
 - C) 340 cm²
 - D) 360 cm²
- 14. A cone has a base radius of 7 cm and slant height 10 cm. Use π = 3.14. What is the surface area?
 - A) 373.36 cm²
 - B) 382.2 cm²
 - C) 376.6 cm^2
 - D) 377.3 cm²
- 15. A rectangular box has dimensions 10 cm, 4 cm, and 3 cm. What is the surface area?
 - A) 164 cm²
 - B) 164.4 cm²
 - C) 160 cm²
 - D) 158 cm²



Answer Key

- 1. D
- 2. A
- 3. A
- 4. D
- 5. A
- 6. A
- 7. D
- 8. A
- 9. C
- 10. A
- 11. B
- 12. A
- 13. D
- 14. C
- 15. A

