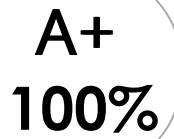


16 Multiple choice questions



A+
100%

1. Two or more circles with the same centre
 - a. **CORRECT: Concentric circles**
 - b. Open solid
 - c. Percentage error
 - d. Composite figure

2. The total area of the outer part of a solid
 - a. Sector
 - b. **CORRECT: Surface area**
 - c. Quadrant
 - d. Sphere

3. A solid with a circular base that tapers to a point
 - a. **CORRECT: Cone**
 - b. Sector
 - c. Cylinder
 - d. Sphere

4. A solid that has flat faces and a uniform cross-section
 - a. Pyramid
 - b. **CORRECT: Prism**
 - c. Cone
 - d. Sphere

5. A solid that has a polygon for a base and faces that meet at a point
 - a. Open solid
 - b. Prism
 - c. Sector
 - d. **CORRECT: Pyramid**

6. A round, solid ball-like figure
 - a. Hemisphere
 - b. Sector
 - c. **CORRECT: Sphere**
 - d. Prism

7. A figure made up of a number of different shapes
 - a. Sphere
 - b. Surface area
 - c. Hemisphere
 - d. **CORRECT: Composite figure**

8. The length along part of the circumference of a circle
 - a. Quadrant
 - b. Cylinder
 - c. Annulus
 - d. **CORRECT: Arc length**

9. A solid with circles at each end, joined by parallel lines
 - a. Cone
 - b. **CORRECT: Cylinder**
 - c. Hemisphere
 - d. Pyramid

10. The ring-shaped area between two concentric circles
 - a. **CORRECT: Annulus**
 - b. Cone
 - c. Prism
 - d. Sector

11. A solid with a base, but no lid
 - a. **CORRECT: Open solid**
 - b. Pyramid
 - c. Prism
 - d. Annulus

12. Formula used for finding the approximate area of an irregular shape
 - a. Sphere
 - b. **CORRECT: Simpson's rule**
 - c. Hemisphere
 - d. Composite figure

13. Half of a sphere
 - a. Sphere
 - b. **CORRECT: Hemisphere**
 - c. Cylinder
 - d. Prism

14. Part of a circle enclosed by two radii and the arc between them
 - a. Prism
 - b. Cone
 - c. **CORRECT: Sector**
 - d. Sphere

15. A quarter of a circle
 - a. **CORRECT: Quadrant**
 - b. Sphere
 - c. Prism
 - d. Cone

16. Error divided by the measurement, multiplied by 100%
- a. Concentric circles
 - b. Sector
 - c. Surface area
 - d. **CORRECT: Percentage error**