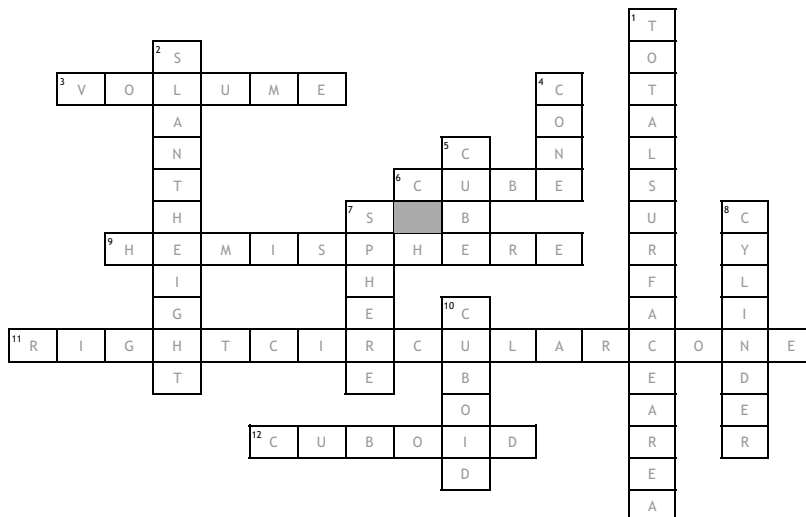


Surface area and volume



Across

- 3. the measure of a occupied space by a solid is called
- 6. 'a cube' is the volume of
- 9. $\frac{2}{3} \pi r^2 h$ is the volume of
- 11. a figure generated by rotating a right triangle about a perpendicular side is called
- 12. $l \times b \times h$ is the volume of

Down

- 1. $6a^2$ is the surface area of a cube
- 2. $\sqrt{r^2 + h^2}$ is the diagonal of a cylinder
- 4. $\frac{1}{3} \pi r^2 h$ is the volume of a cone
- 5. a cuboid whose length and breadths are equal is called a cube
- 7. $\frac{4}{3} \pi r^3$ is the volume of a sphere
- 8. $2\pi r(r+h)$ is the total surface area of a cylinder
- 10. a solid bounded by 6 rectangular faces is called a cube