

Lightning Round 1

Give the formula for each volume, area, or perimeter.

Group One:

1. Area of a Triangle $A = 1/2 b * h$
2. Area of an Ellipse $A = p * a * b$
3. Circumference of an ellipse $C = 2 p \sqrt{\frac{a^2 + b^2}{2}}$
4. Volume of a sphere $V = 4/3 p r^3$
5. Surface area of a sphere $SA = 4 p r^2$
6. Perimeter of a square $P = 4s$
7. Volume of a rectangular solid $V = l * w * h$
8. Volume of a right circular cone $V = 1/3 * p r^2 h$
9. Area of an equilateral triangle $A = \frac{\sqrt{3}s}{2}$
10. Area of a circle $A = p r^2$

Group 2

1. Volume of cube $V = s^3$
2. Surface area of a cube $SA = 6s^2$
3. Volume of a right circular cylinder $V = p r^2 h$
4. Surface area of a right circular cylinder $SA = 2 p r h + 2 p r^2$
5. Perimeter of a rectangle $P = 2l + 2w$ or $P = 2(l + w)$
6. Area of a trapezoid $A = 1/2 * h (a + b)$ or $h/2 (a + b)$
7. Area of a parallelogram $A = b * h$
8. Circumference of a circle $C = 2p r$ or $C = p d$
9. Area of a rectangle $A = l * w$
10. Area of a rhombus $A = b * h$