Volume and Surface Area of Nets

1. Rectangular Prism

Surface Area: Area of top/bottom + Area of front/back + Area of left/right

 

 SA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 SA = \_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_

 SA = \_\_\_\_\_\_\_\_\_\_

SA FORMULA = ­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Volume: Length x Width x Height

 V= \_\_\_\_\_\_\_\_\_\_ x \_\_\_\_\_\_\_\_\_\_ x \_\_\_\_\_\_\_\_\_\_

 V = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

VOL FORMULA = \_\_\_\_\_\_\_\_\_\_\_\_

2. Triangular Prism

Surface Area: Area Rect. 1 + Area Rect. 2 + Area Rect. 3 + 2(Area Bases)

 SA = \_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_

 SA = \_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_+ \_\_\_\_\_\_\_\_\_\_

 SA = \_\_\_\_\_\_\_\_\_\_

SA FORMULA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Volume: Area of Base x Height

V = \_\_\_\_\_\_\_\_\_ x \_\_\_\_\_\_\_\_\_

V = \_\_\_\_\_\_\_\_\_\_\_\_\_

VOL FORMULA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Cylinder

Surface Area: Area of bases + Lateral side area (rectangle)

 SA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 SA = \_\_\_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 SA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SA FORMULA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Volume: Area of a base x Height

 V = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ x \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 V = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VOL FORMULA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Cube

Surface Area: Area of top/bottom + Area of front/back + Area of left/right

 

 SA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 SA = \_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_

 SA = \_\_\_\_\_\_\_\_\_\_

SA FORMULA = ­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Volume: Length x Width x Height

 V= \_\_\_\_\_\_\_\_\_\_ x \_\_\_\_\_\_\_\_\_\_ x \_\_\_\_\_\_\_\_\_\_

 V = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

VOL FORMULA = \_\_\_\_\_\_\_\_\_\_\_\_

 5. Pyramid

Surface Area: Area of Base + Area of triangles

SA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 SA = \_\_\_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 SA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SA FORMULA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Volume: Area of the Base x Height

 V = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ x \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 V = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VOL FORMULA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. Cone



Surface Area: Area of Base + Pi (radius)(slant height)

SA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SA FORMULA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Volume: Area of the Base x Height

 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ x \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VOL FORMULA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_