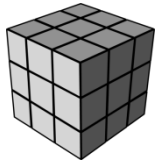
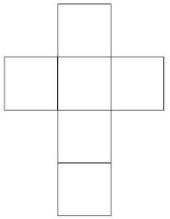
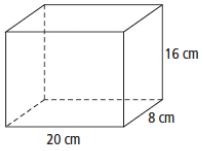
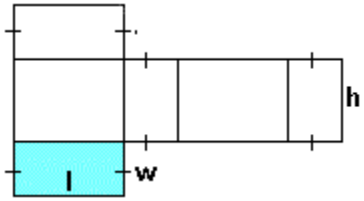
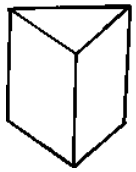
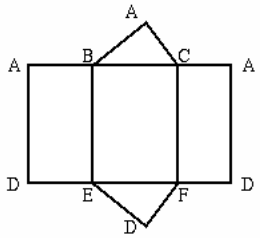
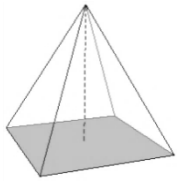
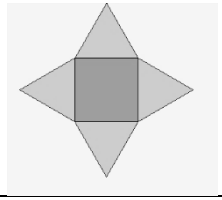
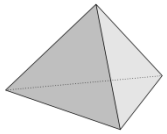
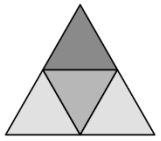
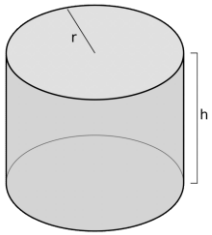
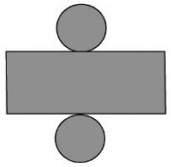
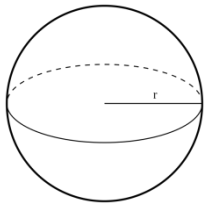
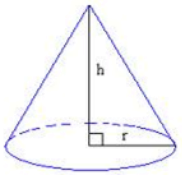
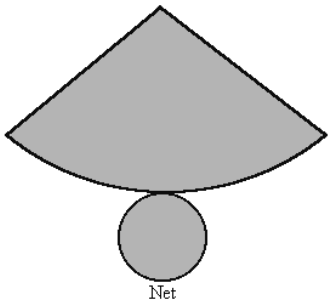
Solid	Net	Formula	Surface Area Formula
Cube 		6 equal squares **$A = s^2$**	**$A_T = 6a^2$**
Rectangular Prism 		**Lateral Area:** 2 pairs of rectangles **$A_l = P_b \times h$** **Base(s):** 1 pair of rectagles • Top & Bottom **A_b = L x w**	**$A_T = 2A_b + A_L$** **OR** **$A_T = 2A_b + P_b \times h$**
Triangular Prism 		**Lateral Area:** 3 rectangles (they are not always the same size) **$A_l = P_b \times h$** **Base(s):** 2 equal triangles (they are congruent) **$A = \frac{bx\,h}{2}$**	
Square Based Pyramid 		**Lateral Area:** 4 equal triangles **$A_l = \frac{P_b \times sl}{2}$** **Base:** 1 square base: A = **l x w** Triangle base: A = **$\frac{b \times h}{2}$**	**$A_T = A_b + A_L$** **OR** **$A_T = A_b + \frac{P_b \times sl}{2}$**
Triangular Based Pyramid 			

Solid	Net	Formula	Surface Area Formula
Cylinder 		**Lateral area:** 1 Rectangle **LA** = $2\pi rh$ **Bases:** 2 Circles $\boldsymbol{A = \pi r^2}$	$\mathbf{A_T = 2A_b + A_L}$ **OR** $\mathbf{A_T = 2\pi r^2 + 2\pi rh}$
Sphere 		**Surface Area** $\boldsymbol{= 4\pi r^2}$	$\mathbf{A_T = 4\pi r^2}$
Cone 		**Lateral Area:** $\mathbf{A_L = \pi rs}$ **or** $\mathbf{A_L = \pi r(r + \sqrt{r^2 + h^2})}$ **Base:** 1 circle $\boldsymbol{A = \pi r^2}$	$\mathbf{A_T = A_B + A_L}$ **or** $\mathbf{A_T = \pi r^2 + \pi rs}$ **or** $\mathbf{A_T = \pi r(r + \sqrt{r^2 + h^2})}$