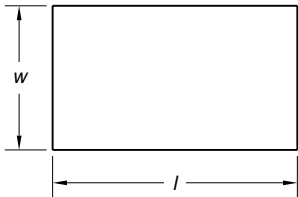


**AREA - PLANE FIGURES**

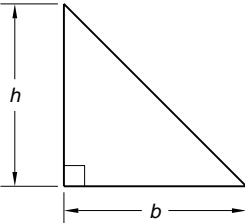
**$A = l \times w$**   
 where  
 A = area  
 l = length  
 w = width



**SQUARE OR RECTANGLE**

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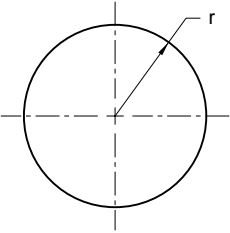
**$A = \frac{1}{2} \times b \times h$**   
 where  
 A = area  
 b = base  
 h = height



**RIGHT TRIANGLE**

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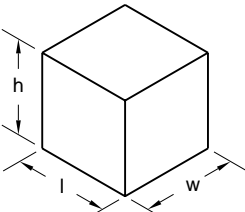
**$A = \pi r^2$**   
 where  
 A = area  
 $\pi = 3.1416$   
 r = radius



**CIRCLE**

**VOLUME - SOLID FIGURES**

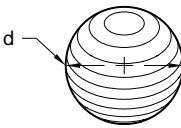
**$V = l \times w \times h$**   
 where  
 V = volume  
 l = length  
 w = width  
 h = height



**RIGHT RECTANGULAR PRISM**

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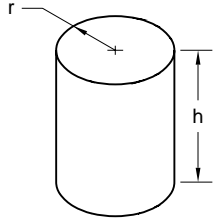
**$V = \frac{1}{6} \times \pi \times d^3$**   
 where  
 V = volume  
 $\pi = 3.1416$   
 d = diameter



**SPHERE**

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**$V = \pi r^2 \times h$**   
 where  
 V = volume  
 $\pi = 3.1416$   
 r = radius  
 h = height



**CYLINDER**

DECIMAL EQUIVALENTS OF AN INCH							
Fraction	Decimal	Fraction	Decimal	Fraction	Decimal	Fraction	Decimal
1/64	0.015625	17/64	0.265625	33/64	0.515625	49/64	0.765625
1/32	0.03125	9/32	0.28125	17/32	0.53125	25/32	0.78125
3/64	0.046875	19/64	0.296875	35/64	0.546875	51/64	0.796875
1/16	0.0625	5/16	0.3125	9/16	0.5625	13/16	0.8125
5/64	0.078125	21/64	0.328125	37/64	0.578125	53/64	0.828125
3/32	0.09375	11/32	0.34375	19/32	0.59375	27/32	0.84375
7/64	0.109375	23/64	0.359375	39/64	0.609375	55/64	0.859375
1/8	0.125	3/8	0.375	5/8	0.625	7/8	0.875
9/64	0.140625	25/64	0.390625	41/64	0.640625	57/64	0.890625
5/32	0.15625	13/32	0.40625	21/32	0.65625	29/32	0.90625
11/64	0.171875	27/64	0.421875	43/64	0.671875	59/64	0.921875
3/16	0.1875	7/16	0.4375	11/16	0.6875	15/16	0.9375
13/64	0.203125	29/64	0.453125	45/64	0.703125	61/64	0.953125
7/32	0.21875	15/32	0.46875	23/32	0.71875	31/32	0.96875
15/64	0.234375	31/64	0.484375	47/64	0.734375	63/64	0.984375
1/4	0.250	1/2	0.500	3/4	0.750	1	1.000