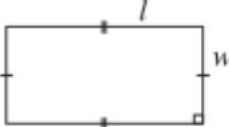
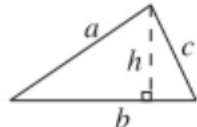
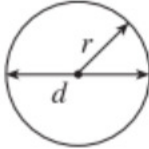
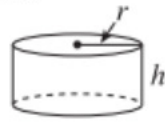
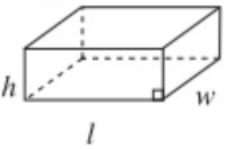
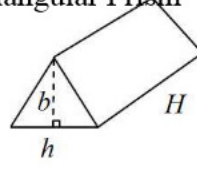


Formula Sheet

Geometric Figure	Area
Rectangle 	$A = lw$
Triangle 	$A = \frac{1}{2}bh$
Circle 	$A = \pi r^2$ <i>circumference = <math>\pi d</math> or <math>2\pi r</math></i>

	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Perimeter is the sum of the distance around any shape

Geometric Object	Volume
Any Object	$V = A_{base}h$
Cylinder 	$V = \pi r^2 h$
Rectangular Prism 	$V = lwh$
Triangular Prism 	$V = \frac{bh}{2}H$

**Multiplying or Dividing Integers**  
(Not for Adding or Subtracting)

**Same Signs = POSITIVE ANSWER**

**Different Signs = NEGATIVE ANSWER**

*Pythagorean Theorem*

$$a^2 + b^2 = c^2$$

$$c^2 - b^2 = a^2$$

$$c^2 - a^2 = b^2$$