

ARITHMETIC PROPERTIES

ASSOCIATIVE
COMMUTATIVE
DISTRIBUTIVE

ARITHMETIC OPERATIONS EXAMPLES

$a + (b + c) = (a + b) + c$
 $a + b = b + a$
 $a(b + c) = ab + ac$
 $(a + b) + c = a + (b + c)$
 $a + (b + c) = (a + b) + c$
 $a + b = b + a$
 $a(b + c) = ab + ac$

PROPERTIES OF INEQUALITIES

SQUARE

RECTANGLE

CIRCLE

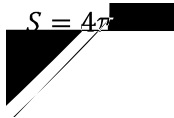
TRIANGLE



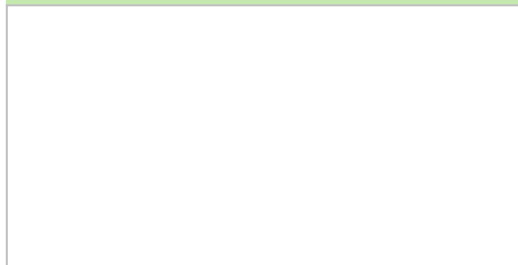
CIRCULAR RING

SPHERE

$S = 4\pi r^2$



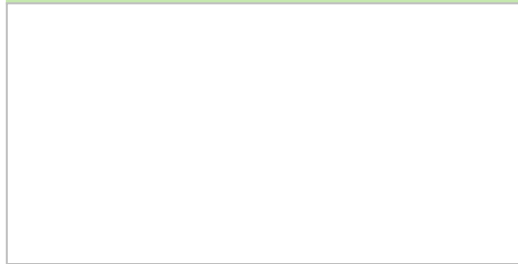
RECTANGULAR BOX



CUBE

$$A = 6l^2$$
$$V = l^3$$

CYLINDER



FRUSTUM OF A CONE

$$V = \frac{1}{3}\pi h(r^2 + rR + R^2)$$