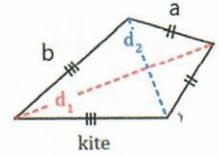
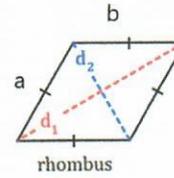
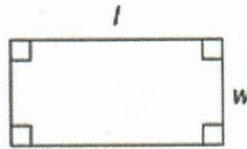
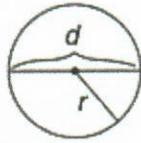
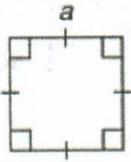


ACT



Area: _____

Area: _____

Area: _____

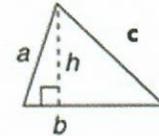
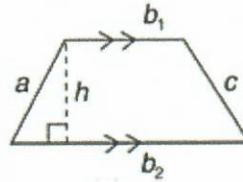
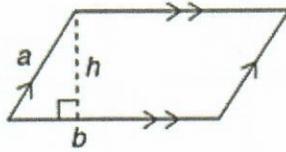
Area: _____

Perimeter: _____

Perimeter: _____

Perimeter: _____

Perimeter: _____



Area: _____

Area: _____

Area: _____

Perimeter: _____

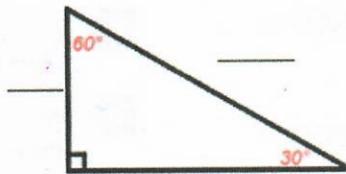
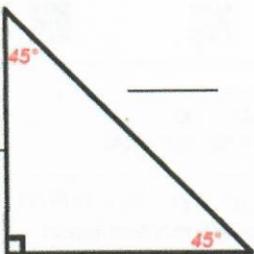
Perimeter: _____

Perimeter: _____

A of Equilateral: _____

Pythagorean Theorem: _____

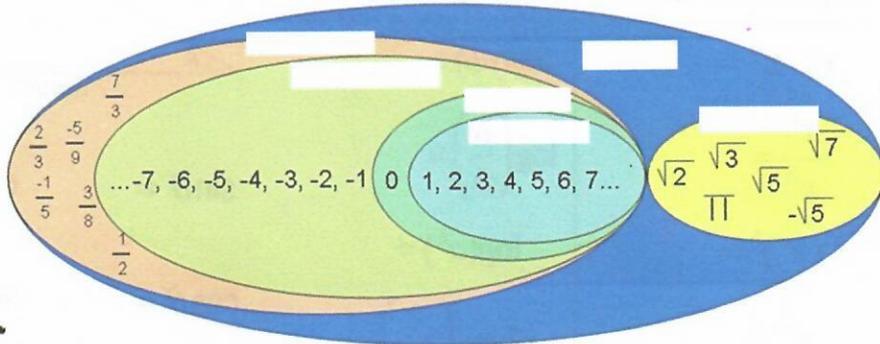
Pythagorean Triples: _____



45° - 45° - 90° Triangle

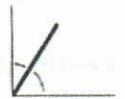
30° - 60° - 90° Triangle

Real Number System



$x+y=$ _____

$x+y=$ _____



Quadratic Equation: _____

Compound Interest: _____

Equation of a circle: _____

Vertex form Parabola: _____

Percent Change: _____

*Distance: _____

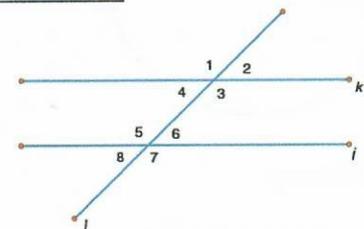
Distance (time): _____

*Midpoint: _____

Variation: _____
 Directly | Inversely

Center: _____

Vertex: _____



2 ___ 8 4 ___ 6 3 ___ 5

4 ___ 5 1 ___ 7 5 ___ 8

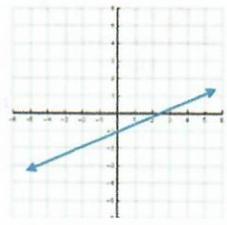
1 ___ 3 3 ___ 7 3 ___ 6

Slope Intercept form: _____

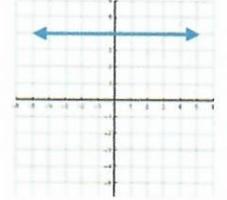
y-intercept: _____; (____, ____)

slope: _____ //slope: _____ ⊥slope: _____

Slope of two points: _____

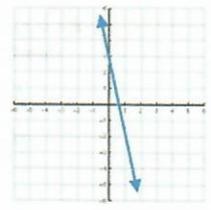


Slope = _____

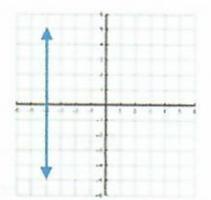


Slope = _____

Equation: _____

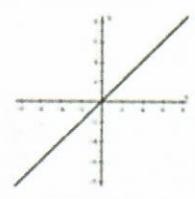


Slope = _____

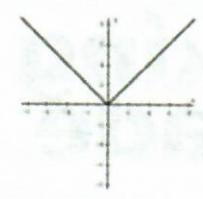


Slope = _____

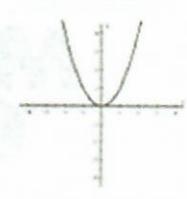
Equation: _____



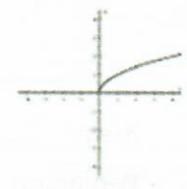
f(x) = _____



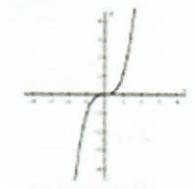
f(x) = _____



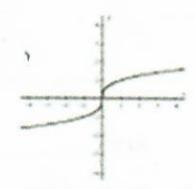
f(x) = _____



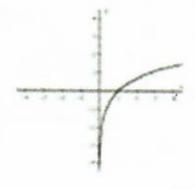
f(x) = _____



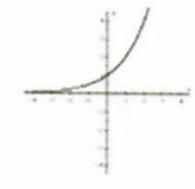
f(x) = _____



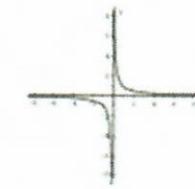
f(x) = _____



f(x) = _____



f(x) = _____



f(x) = _____

Exponential Laws

$x^a \cdot x^b =$

$\frac{x^a}{x^b} =$

$(x^a)^b =$

$x^{-a} =$

$x^0 =$

Logarithm Law

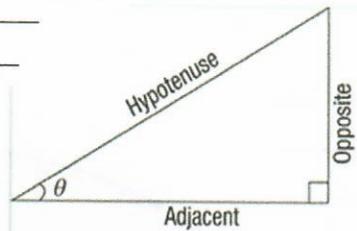
$\log(ab) =$

$\log\left(\frac{a}{b}\right) =$

$\log(a^b) =$

$\log_x\left(\frac{1}{x^a}\right) =$

$\log_x 1 =$



$\sin \theta =$

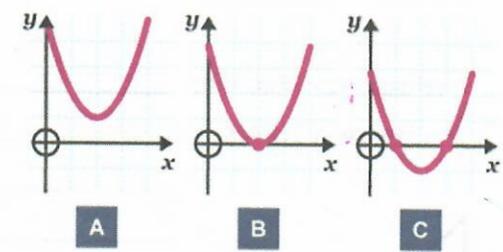
$\csc \theta =$

$\cos \theta =$

$\sec \theta =$

$\tan \theta =$

$\cot \theta =$

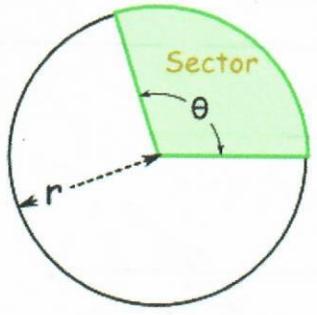


- A** $b^2 - 4ac < 0$
there are no real roots
- B** $b^2 - 4ac = 0$ (Double Root)
the roots are real and equal
- C** $b^2 - 4ac > 0$
the roots are real and unequal

Rewrite $\log_b x = y$ in exponential form: _____

Law of Cosines: _____

Law of Sines: _____ = _____



Area of Sector

_____ = _____

Arc Length of Sector

_____ = _____

Arithmetic Sequence: _____

Arithmetic Sum: _____

Geometric Sequence: _____

Sum of Interior Angles of a Polygon: _____

Sum of Exterior Angles of a Polygon: _____

Volumes:

Rectangular Prism: _____

Right Triangular Prism: _____

Pyramid: _____

Cube: _____

_____ / _____

Sphere: _____

Cylinder: _____

Cone: _____

_____ / _____

$\det \begin{bmatrix} a & c \\ b & d \end{bmatrix} =$ _____