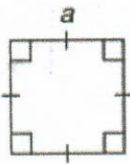
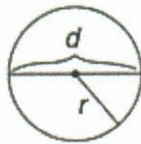


ACT



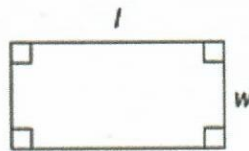
Area: _____

Perimeter: _____



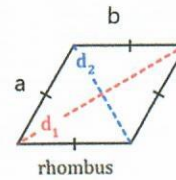
Area: _____

Perimeter: _____



Area: _____

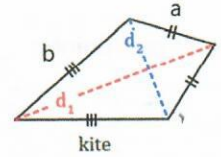
Perimeter: _____



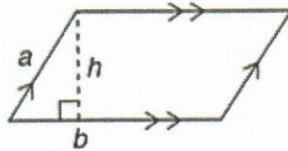
rhombus

Area: _____

Perimeter: _____

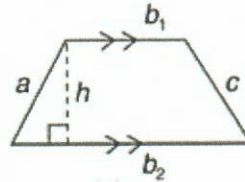


kite



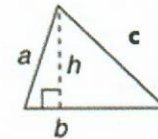
Area: _____

Perimeter: _____



Area: _____

Perimeter: _____



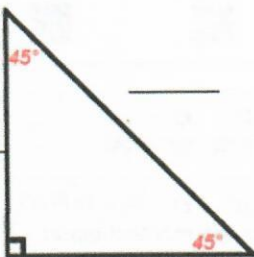
Area: _____

Perimeter: _____

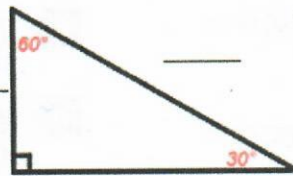
A of Equilateral: _____

Pythagorean Theorem: _____

Pythagorean Triples: _____

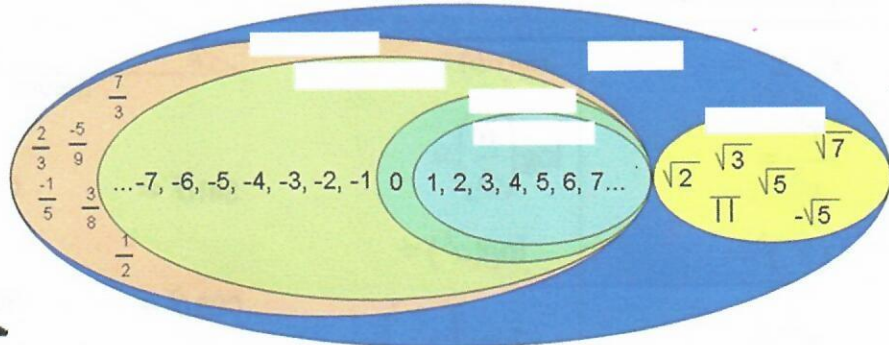


45° - 45° - 90° Triangle



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: _____

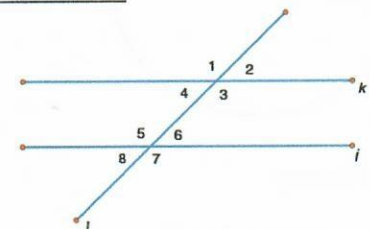
Variation: _____

Directly

Inversely

Center: _____

Vertex: _____



2 ___ 8 4 ___ 6 3 ___ 5

4 ___ 5 1 ___ 7 5 ___ 8

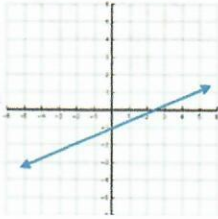
1 ___ 3 3 ___ 7 3 ___ 6

Slope Intercept form: _____

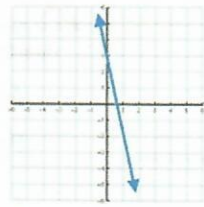
y-intercept: _____; (____, ____)

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

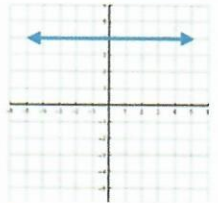
Slope of two points: _____



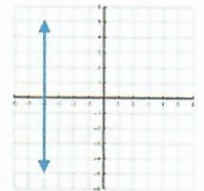
Slope = _____



Slope = _____



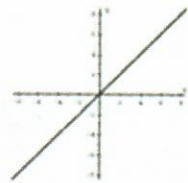
Slope = _____



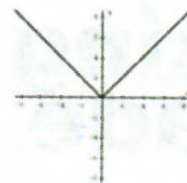
Slope = _____

Equation: _____

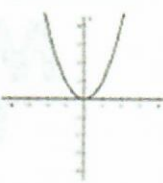
Equation: _____



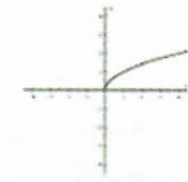
$f(x) =$ _____



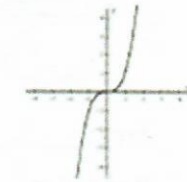
$f(x) =$ _____



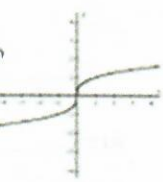
$f(x) =$ _____



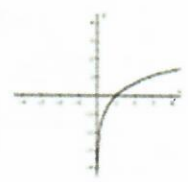
$f(x) =$ _____



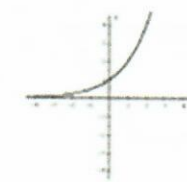
$f(x) =$ _____



$f(x) =$ _____



$f(x) =$ _____



$f(x) =$ _____



$f(x) =$ _____

Exponential Laws

$$x^a \cdot x^b =$$

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

$$(x^a)^b =$$

$$x^{-a} =$$

$$x^0 =$$

Logarithm Law

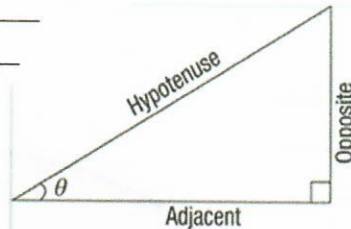
$$\log(ab) =$$

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

$$\log(a^b) =$$

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

$$\log_x 1 =$$



$$\sin \theta =$$

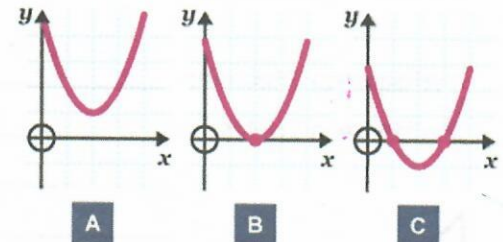
$$\csc \theta =$$

$$\cos \theta =$$

$$\sec \theta =$$

$$\tan \theta =$$

$$\cot \theta =$$

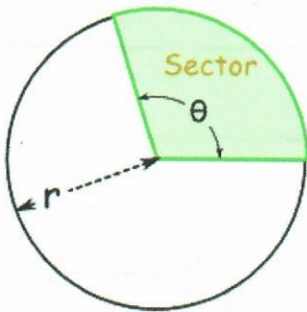


- A** $b^2 - 4ac < 0$
there are no real roots
- B** $b^2 - 4ac = 0$ (Double Root)
the roots are real and equal
- C** $b^2 - 4ac > 0$
the roots are real and unequal

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

Law of Cosines: _____

Law of Sines: _____ = _____



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: _____

Area of Sector

$$=$$

Arc length of Sector

$$=$$

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