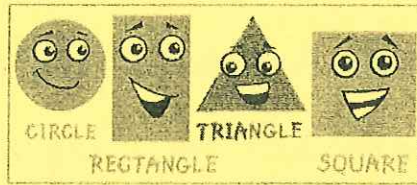


Key

PreAlgebra Skills Test Study Guide

Formulas:



Area of a triangle:

$$\frac{1}{2}bh \text{ or } \frac{bh}{2}$$

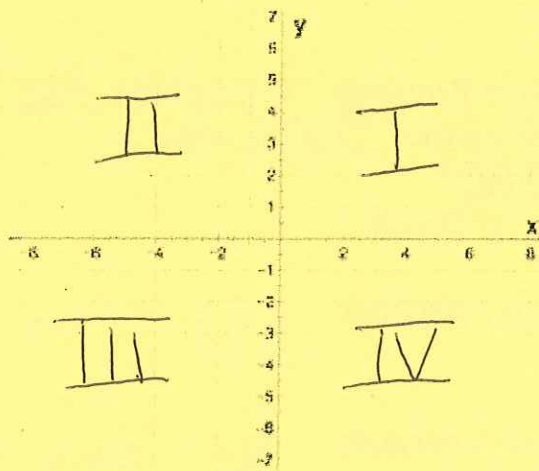
Area of a rectangle/ square:

bn

Area of a trapezoid:

$$\frac{1}{2}h(b_1 + b_2)$$

Write in the quadrants



Prime numbers are divisible by 1 and itself only

Ex. $2, 3, 5, 7, \dots$ ← Lots of examples

Composite numbers are divisible by more than 2 factors

Ex. 4, 6, 8, 10, 27... ← Lots of examples

Fill in the place value chart ->



ten millions
millions
hundred thousands
ten thousands
thousands
hundreds
tens
ones
tenths
hundredths
thousandths
ten thousandths
hundred thousandths

Fraction reminders

When you add and subtract fractions you must have a common denominator

To multiply fractions first turn mixed numbers into improper fractions, check for cross canceling, then multiply straight across

To divide fractions copy, change, flip

To solve an equation:

1) Simplify

a. Distributive Property b. Combine like terms

2) Get all variables on the same side

3) Add or subtract

4) Multiply or Divide

To change a percent to a decimal: 53% move decimal twice left

To change a decimal to a percent: .36 Move decimal twice right

Integers

$(+)(+) = \text{positive}$ $(+)(-) = \text{negative}$

$(-)(+) = \text{negative}$ $(-)(-) = \text{positive}$

Add helpful tips below

Helpful
Tips