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§1-1: Expressions and Formulas & §1-2: Properties of Real Numbers

(Review from Algebra 1)

§1-1 (pp 6-7)

Define:

- variables:
  
- algebraic expressions:

Key Concept: Order of Operations (Copy the 4 steps here):

Ex 1a: Evaluate  $m + (n - 1)^2$  if  $m = 3$  and  $n = -4$

Ex 1c: Evaluate  $\frac{a^3 + 2bc}{c^2 - 5}$  if  $a = 2$ ,  $b = -4$  and  $c = -3$ .

§1-2 (pp 11-13)

Copy the Venn Diagram on top of pg 12 here:

Copy example 1: a-e

Properties of real numbers: Copy the Real Number Properties table from page 12 here:

Ex 2: Name the property illustrated by  $(5+7) = 8 = 8 + (5 + 7)$

Ex 3. Identify the additive inverse and multiplicative inverse for  $-1\frac{3}{4}$ .

Ex 4. Simplify  $2(5m + n) = 3(2m - 4n)$