

F: Fuse Structures for Critical Thinking

Hierarchical Graphic Organizer

(Source: Maccini & Gagnon, 2005)

Polynomials		
Monomial (polynomial of one term)	Binomial (polynomial of two terms)	Trinomial (polynomial of three terms)
5	$5a + 5b$	$5a + 6c + 12d$
x	$10h + 10i$	$x^2 + 2x^2 + 4x^3$
5b	$10 + 12i$	$4x^2 + 3x^2 + 6x$ (non-example)
$1/5$	$7y - 2x$	$3 + 4x + x^2$
$10/2$	$3x - 4x$ (non-example)	
$5a + 5a$		
Teacher: "Write five different examples for each column"		
1.	1.	1.
2.	2.	2.
3.	3.	3.
4.	4.	4.
5.	5.	5.

Compare and Contrast or Venn Diagram

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