

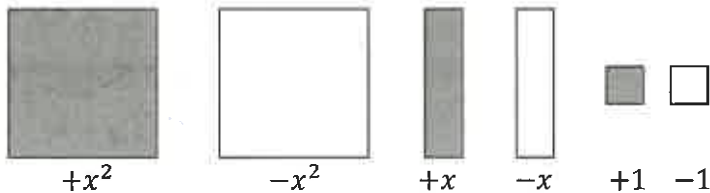
5.1 The Language of Algebra

Polynomial	Degree
$7a^3 - 3a^2$	3
$ab^4 + 2a^3b^3$	6
$3x + 4xy - 2$	2
$5x + z - 6$	1

Ex. For each algebraic expression state the number of terms, the expression type & the degree:

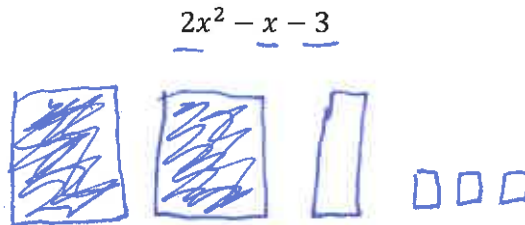
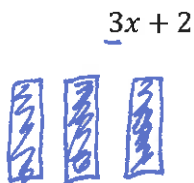
Expression	# of terms	Expression type	Degree
$ab^2 - ab + 1$	3	trinomial	3
$4x^2 + 3$	2	binomial	2
99	1	monomial	0
$-4x^2 + x^3y - y^3 + 10$	4		4

We can model expressions with **algebra tiles**.



*NOTE: Textbook uses colours for positives & white for negatives

Ex. Model each expression with algebra tiles (sketch):



Ex. State the expression shown:

