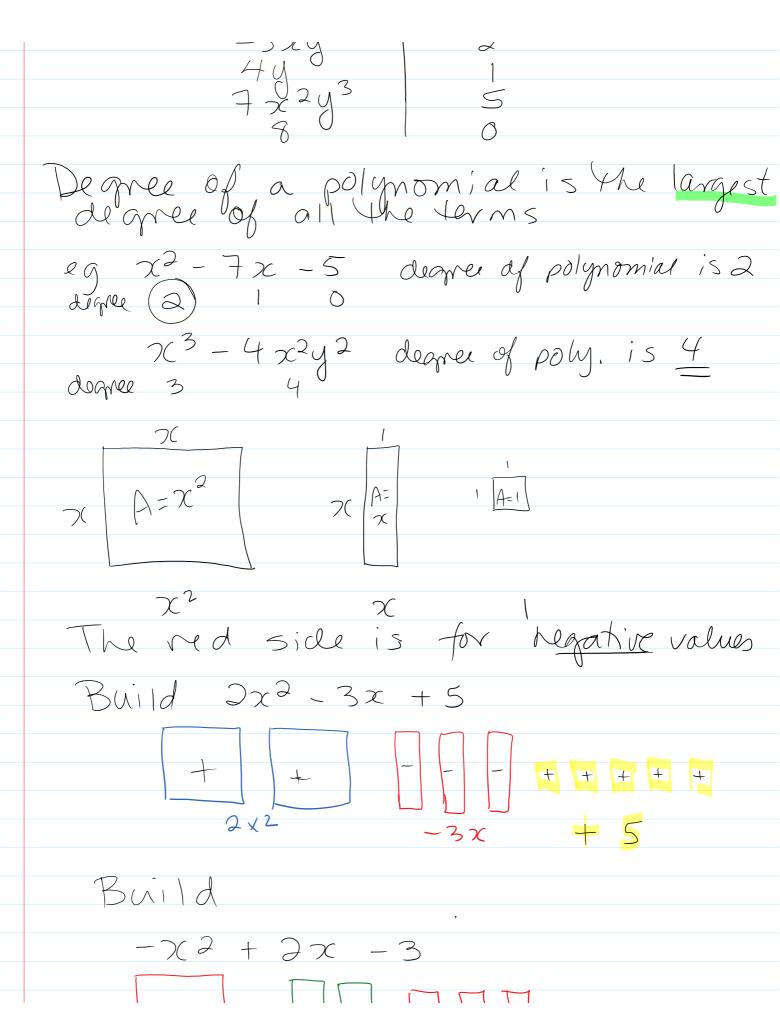
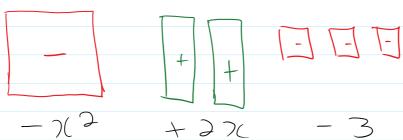
| Wednesday, October 9 (2)19 12:10 PM  |
|--|
| A polynomial is the sum or difference of one or more algebraic terms.                            |
| A term is a number a variable or   |
| the product of both.   |
| A term is a number a variable or the product of both. eg 5, -3, x, y, 2x, -4y, 6xy               |
| 6x2y3  |
| Examples of Polynomials.   |
| 320 — Monomial (1 term)<br>-2x+5 — Binomial (2 terms)  |
| -2x+5 - Binomial (2 Hrms)  |
| 6762 + 276 - 7<br>4x² + 724 - 1242 Trinomial<br>(3 terms)  |
|  |
| $2x^2-7x+5$ coefficient  |
| Constant   |
| variable   |
|  |
| Degree of a term is the exponent<br>the branchle (or the sum of<br>the exponents if the term has |
| the exponents if the term has  |
| More than I your order )   |
| eg Term Degree<br>(2x² 2.  |
|  |
| $-3\times y$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$   |





Evaluate: 
$$3x-7$$
 for  $7(=-2)$ 

$$3(-2)-7$$
 $-6-7=-13$ .

Evaluate 
$$2x^{2} + 2x - 5$$
 for  $x = -3$   
 $2(-3)^{2} + 2(-3) - 5$   
 $2(9) + 2(-3) - 5$   
 $18 + -6, -5$   
 $17 - 5$   
 $17 - 5$