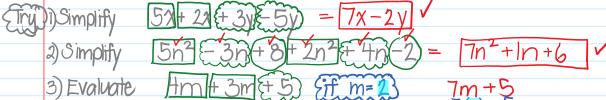
U2L3 Polynomials: Degree and Adding

December-15-14 9:59 AM

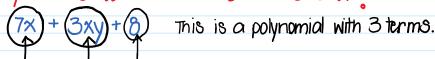
(A) Review

ex.



4)
$$y^8 \div y^6 = y^2$$

B Polynomials ... HOW TO FIND THE DEGREE?



these are terms

7x MONOMIAL (one term)

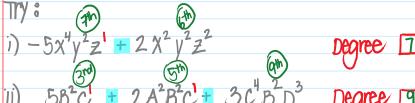
 $7x^2 + 3x$ BINDMIAL (two terms)

 $4A + 3x^2 + 7$ TRINOMIAL (three terms)

4A + 3B2 + 2C -6 POLYNOMIAL (4 terms)

| Degree ? POLYNOMIAL | DEGREE |
|--|------------|
| çq. 3x ² | 2 |
| 4v ² + 3x ³ + 2v | .3 |
| $5x^2y^4 + 2y^2 + 3x^2y^3$ | 1. |
| 5/ Y/ 2/ 1/3/ Y | / |
| $\frac{5xy}{4} + 2A = 3A^2B$ | 4 ™ |
| 18t grol 23 | 0 |

Summary: To find the degree, choose the HIGHEST SUM OF EXPONENTS in any to given polynomial.



Degree 17 Monomial/Bi/Tri

ALL are polynomials

Degree 9 Mono/ Bi/Tri

Ascending: low to high Descending: high to low

