Due for homework Dec 1/14

Check out pages 214 - 216

~~4-10~~

4-16

4. Which choices represent polynomials? Remember the three types of terms which affect polynomials...

$\frac{13}{z}$ $\sqrt{g}$ $g^{1/2}$ $g^{0.5}$ z^{-2} $\frac{1}{z^{1/2}}$ $g^{-0.5}$

5.

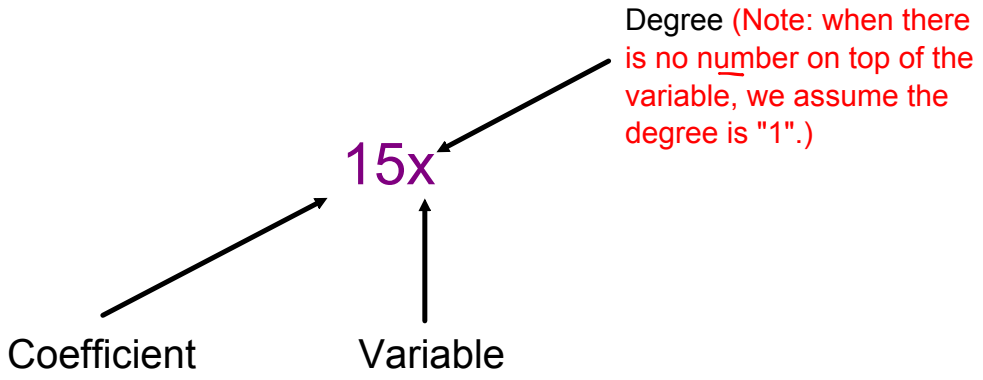
monomial

binomial

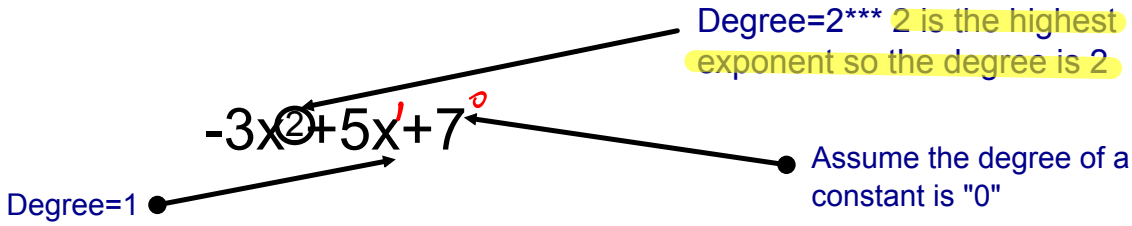
trinomial

# of terms

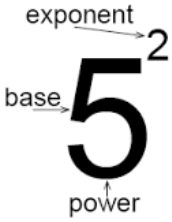
6.

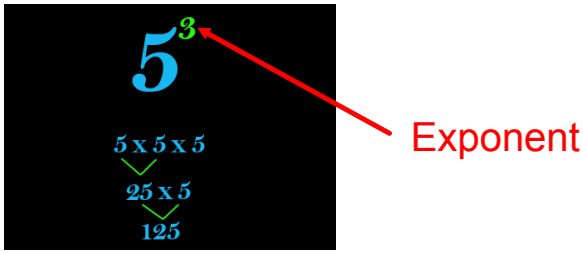

Degree (Note: when there is no number on top of the variable, we assume the degree is "1".)
15x
Coefficient
Variable

7.



Remember: The degree of a polynomial refers to the term which has the highest exponent in it.





8. Hint: 1) Rearrange all the polynomials into descending form (See slide 11)

2) Remember that different variables (ie "r" and "v" represent the same thing)

2 sets that are equal

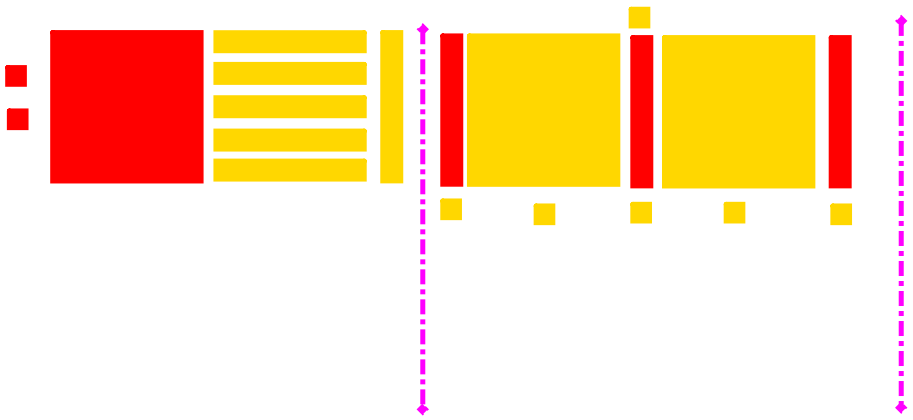
$C = d$

9.

11. see slides 13 and 14

12.

$-x^2+6x-2$



$2x^2-3x+6$

13.  Write the polynomial associated with the algebra tiles

14. There will be a variety of answers.

Degree- The term with the highest exponent

Term- Number, variable, or the product of a number and variable

15. You will be able to make 4 groups of equivalent polynomials.

16. Identical to question 8 which you completed.

17. Remember the three types of terms which negatively affect polynomials.

Hint: Something about the denominator, certain types of exponents, and square roots...