|  | **10th Monday (B)(Review)** | **11th Tuesday (A)DCP TEST** | **12th Wednesday (B)DCP TEST** | **13th Thursday (A)(2A,4A)** | **14th Friday (B)\*Pep Rally Schedule\*** |
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| **Objectives** | SWBAT:* Al. 10 (D) rewrite polynomial expressions of degree one and degree two in equivalent forms using the distributive property
* (E) factor, if possible, trinomials with real factors in the form *ax*2 + *bx* + *c*, including perfect square trinomials of degree two; and
* (F) decide if a binomial can be written as the difference of two squares and, if possible, use the structure of a difference of two squares to rewrite the binomial.
 | SWBAT:A 11 (B)  simplify numeric and algebraic expressions using the laws of exponents, including integral and rational exponents.A 12 (D)  write a formula for the *n*th term of arithmetic and geometric sequences, given the value of several of their terms; andA 9 (A)  determine the domain and range of exponential functions of the form *f*(*x*) = *abx* and represent the domain and range using inequalities;(B)  interpret the meaning of the values of *a* and *b*in exponential functions of the form *f(x)* = *abx* in real-world problems;(C)  write exponential functions in the form *f(x)* = *abx* (where *b* is a rational number) to describe problems arising from mathematical and real-world situations, including growth and decay; | SWBAT:9 (D)  graph exponential functions that model growth and decay and identify key features, including *y*-intercept and asymptote, in mathematical and real-world problems; and(E)  write, using technology, exponential functions that provide a reasonable fit to data and make predictions for real-world problems.10 (B)  multiply polynomials of degree one and degree two;(C)  determine the quotient of a polynomial of degree one and polynomial of degree two when divided by a polynomial of degree one and polynomial of degree two when the degree of the divisor does not exceed the degree of the dividend; | SWBAT:* A 10.(C)determine the quotient of a polynomial of degree one and polynomial of degree two when divided by a polynomial of degree one and polynomial of degree two when the degree of the divisor does not exceed the degree of the dividend;
 | **\*\*Please come for period 6B from 10:55-12:05 if Thursday is not in your schedule.\*\*** SWBAT:* A 10.(C)(C)  determine the quotient of a polynomial of degree one and polynomial of degree two when divided by a polynomial of degree one and polynomial of degree two when the degree of the divisor does not exceed the degree of the dividend;
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| **P** | ENGAGE:* Ask students to recall what we do to polynomial terms; are we putting in the gift (multiplying) or unwrapping our gift (factoring)
 | 10(D)  rewrite polynomial expressions of degree one and degree two in equivalent forms using the distributive property; |  | ENGAGE:* Teacher will have students recall long division with a remainder by having them 5 into 2103
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| **LA** | EXPLORE:* After lecture, the students will use desmos to evaluate/factor polynomials

EXPLAIN:* Each row of students will work on designated problems to explain to their peers

ELABORATE:* The teacher will go over problems from warm-up and the designated problems on class worksheet
 |  |  | EXPLORE:* The teacher will assign them to divide

on their own for 5-10 min. Then I will walk them through the process of how to do long division of polys. EXPLAIN:* Each row of students will work on that problem and discuss their findings and questions to their peers

ELABORATE:* After lecture, teacher will go over problems from warm-up and the designated problems on class worksheet
 | EXPLORE:* The teacher will assign them to divide

on their own for 5-10 min. on their own for 5-10 min. Then I will walk them through the process of how to do long division of polys. EXPLAIN:* Each row of students will work on that problem and discuss their findings and questions to their peers

ELABORATE:* After lecture, the teacher will go over problems from warm-up and the designated problems on class worksheet
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| **N** | EVALUATE/ASSESS:* Verbal response during overview of warm-up and classwork
 |  |  | EVALUATE/ASSESS:* Verbal response during overview of warm-up and classwork
 | EVALUATE/ASSESS:* Verbal response during overview of warm-up and classwork
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| Resources | * Calculator
 | * Calculator
* Desmos
 | * Calculator
* Desmos
 | * Calculator
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