

Mathematics Class Slides

Bronx Early College Academy

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19 November - 30 November 2018

4.1 Drui: Exponent rules, Monday Nov 19

4.2 Drui: Laptop, Deltamath, Desmos /Word. Tuesday Nov 20

4.3 Drui: Exponential functions, Wednesday Nov 21

GQ: How do we manipulate exponential expressions?

CCSS: HSF.IF.C.7 Analyze functions

4.1 Monday Nov 19

Do Now: Skills check p. 100

Review Exam

Exponent operations p. 100-104

Homework: Exercises 4A p. 104

How do we communicate mathematical results?

CCSS: MP.4 Model with mathematics

4.2 Tuesday Nov 13

Technical skills needed to communicate mathematics

1. Word processing: Microsoft Word and equation editor
2. Computer calculators: Desmos; domain restriction, labeling
3. Cloud storage: Dropbox
4. Technical writing standards: MLA format (Purdue OWL)
5. Writing style: declarative
6. Assessment criteria: IB exploration criterion *B: Mathematics Presentation*

Deltamath exponential practice. Homework: complete Deltamath
Makeup: Rewrite Quadratics paper, using model as guide

GQ: How do we understand exponential functions?

CCSS: HSF.IF.C.7 Analyze functions

4.3 Wednesday Nov 21

Do Now: Exercise #4C p. 107

Solving exponent equations #4D p. 108

Exponential functions, p. 109-114

Compound interest exploration

Homework: Exercises 4F p. 114 (review 4B-4E)