Mathematics Class Slides

Bronx Early College Academy

Chris Huson

23 April 2020

11.0 Scanning and uploading written work to Gradescope, Wednesday 23 April

11.1 Algebra review, Literals, Wednesday 23 April

GQ: How do we document our mathematical reasoning?

HSA.CED.A.4 Rearrange formulas to highlight a quantity of interest 11.1 Wed. 23 April

Written work must be submitted following standard protocols

1. Title and label (lined paper)

   10.2 Geometry First, Last name
   11.1 Literals (*Assignment*)
   22 April 2020 (*Date*)

   Number problems down the left (drawings, notes on the right)
2. Photograph and convert to pdf with an app:
   Adobe Scan, Evernote Scannable, or Genius Scan
3. Login and upload to Gradescope.com (class code: MG8X2G)

GQ: How do we apply algebra to equations with literals?

HSA.CED.A.4 Rearrange formulas to highlight a quantity of interest 11.1 Wed. 23 April

Do Now: Submit Present; Answer these questions by chat

- What's the best day for Chess Club?
  (Congratulations chess champion Ahmed!)
- What type of phone do you have?

Tech: turning in written work by uploading to Gradescope

Lesson:
Solving equations with multiple unknowns
Deltamath practice problems

Homework: Complete handout problem set, due by 10:00pm
(submit on time for full credit. late work: 80%)

GQ: How do we apply algebra to equations with literals?

HSA.CED.A.4 Rearrange formulas to highlight a quantity of interest 11.1 Wed. 23 April

Simplify each expression by "collecting like terms"

1. $3x + 2x$
2. $5\pi - 2\pi + 4\pi$

GQ: How do we apply algebra to equations with literals?

HSA.CED.A.4 Rearrange formulas to highlight a quantity of interest 11.1 Wed. 23 April

Simplify each expression by "collecting like terms"

1. $3x - 2x + 7y$
2. $5z + 5\pi - 2\pi + z$
3. $-k + 7\sqrt{2} + 2k + 3\sqrt{2}$
4. $5\pi x - 2\pi x + 9y$

GQ: How do we apply algebra to equations with literals?

HSA.CED.A.4 Rearrange formulas to highlight a quantity of interest 11.1 Wed. 23 April

Solve each equation for the unknown

1. $4k - k + 5\sqrt{3} = 11\sqrt{3}$
2. $5\pi x - 2\pi x = \pi x + 14$