

# Mathematics Class Slides

## Bronx Early College Academy

Chris Huson

21 April 2020

## 11.1 Algebra review, Literals, Tuesday 21 April

## GQ: How do we apply algebra to expressions of literals?

CCSS: HSG.CO.B6-8 Understand congruence in terms of rigid motions 11.1 Tuesday 21 April

### Do Now: Submit Present

- ▶ Congratulations Ahmed! (Best day for Chess Club)
- ▶ What type of phone do you have?
- ▶ Turning in written work, image capture

Lesson:

Solving equations with multiple unknowns

Deltamath practice problems

Homework: Complete handout problem set, due by 10:00pm

## GQ: How do we apply algebra to expressions of literals?

CCSS: HSG.GPE.A1 Geometry & equations of conics

11.1 Tuesday 21 April

Simplify each expression by “collecting like terms”

1.  $3x - 2x + 7y$

3.  $-k + 7\sqrt{2} + 2k + 3\sqrt{2}$

2.  $5z + 5\pi - 2\pi + z$

4.  $5\pi x - 2\pi x + 9y$

## GQ: How do we apply algebra to expressions of literals?

CCSS: HSG.GPE.A1 Geometry & equations of conics

11.1 Tuesday 21 April

Solve each equation for the unknown

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