Mathematics Class Slides

Bronx Early College Academy

Chris Huson

24 February 2020

9.1 Triangle congruence theorems, Monday 24 February

9.2 Exam review, Gradescope intro; Tuesday 25 February

9.3 Triangle congruence theorems, Wednesday 26 February

9.4 Triangle congruence theorems, Thursday 27 February

9.5 Triangle congruence theorems, Friday 28 February

GQ: How do we prove two triangles are congruent?

CCSS: HSG.CO.B6-8 Understand congruence in terms of rigid motions 9.1 Monday 24 February

Do Now: Transformations

- Rigid motions: translation, reflection, rotation
- Corresponding angles and lengths
- Symmetry in terms of transformations "onto" itself
- Using the properties of rigid motions in explanations

Lesson: Side-side-side Triangle congruence postulate
Corresponding parts of congruent triangles are congruent

Homework: Transformations practice handout

GQ: How do we learn from exam results using Gradescope?

CCSS: HSG.CO.B6-8 Understand congruence in terms of rigid motions 9.2 Tuesday 25 February

Do Now: Algebra mastery practice on Deltamath

- Circle equations (use Casio calculator)
- Linear equations of parallel & perpendicular lines

Lesson: Setting up and using Gradescope exam scoring system
Test corrections

Homework: Complete DoNow Deltamath problems (due 10PM);
Test corrections due Friday 10PM

GQ: How do we prove two triangles are congruent?

CCSS: HSG.CO.B6-8 Understand congruence in terms of rigid motions 9.3 Wednesday 26 February

Do Now: Transformations

- Rigid motions: translation, reflection, rotation
- Corresponding angles and lengths
- Symmetry in terms of transformations "onto" itself
- Using the properties of rigid motions in explanations

Lesson: Side-side-side Triangle congruence postulate
Corresponding parts of congruent triangles are congruent

Homework: Transformations practice handout

GQ: How do we prove two triangles are congruent?

CCSS: HSG.CO.B6-8 Understand congruence in terms of rigid motions 9.4 Thursday 27 February

Do Now: Transformations

- Rigid motions: translation, reflection, rotation
- Corresponding angles and lengths
- Symmetry in terms of transformations "onto" itself
- Using the properties of rigid motions in explanations

Lesson: Side-side-side Triangle congruence postulate
Corresponding parts of congruent triangles are congruent

Homework: Transformations practice handout

GQ: How do we prove two triangles are congruent?

CCSS: HSG.CO.B6-8 Understand congruence in terms of rigid motions 9.5 Friday 28 February

Do Now: Transformations

- Rigid motions: translation, reflection, rotation
- Corresponding angles and lengths
- Symmetry in terms of transformations "onto" itself
- Using the properties of rigid motions in explanations

Lesson: Side-side-side Triangle congruence postulate
Corresponding parts of congruent triangles are congruent

Homework: Transformations practice handout