

Mathematics Class Slides

Bronx Early College Academy

Chris Huson

24 February 2020

9.1 Triangle congruence theorems, Monday 24 February

9.2 Volume 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: 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: Setting up and using Gradescope exam scoring system
Test corrections

Homework: Complete selected exam review problems on Deltamath

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