

10th Grade Geometry - Unit 13: Regents Review

Bronx Early College Academy

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27 May 2019

13.1 Scale & applications of dilation Tuesday 28 May

13.2 Similarity review Wednesday 29 May

13.3 Similarity review Thursday 30 May

13.4 Similarity review Friday 31 May

GQ: How do we use scale factors?

CCSS: HSG.CO.D.12 Congruence, geometric constructions

13.1 Tuesday 28 May

Do Now: Handout

1. Using scale factors
2. Real world situations

Guest teacher, Mr. Segal. Applications of scale factors in finance.

Homework: Problem set, test corrections due Thursday

GQ: How do we use scale factors?

CCSS: HSG.CO.D.12 Congruence, geometric constructions

13.2 Wednesday 29 May

Do Now: Quadrilateral properties

1. Given a list of features, identify the applicable quadrilateral
2. Early finishers: Triangle congruency proofs

ASA proof of a parallelogram's congruent triangles, implications

Pretest packet: volume, trig, analytic geometry

GQ: How do we use scale factors?

CCSS: HSG.CO.D.12 Congruence, geometric constructions

13.3 Thursday 30 May

Do Now: Quadrilateral properties

1. Given a list of features, identify the applicable quadrilateral
2. Early finishers: Triangle congruency proofs

Notebook check: trapezoid area (10.1) Review for test

Homework: Study for exam tomorrow

GQ: How do we use scale factors?

CCSS: HSG.CO.D.12 Congruence, geometric constructions

13.4 Friday 31 May

Do Now handout: Volume, density, & trig problems
Classwork review

Assessment: Exam

1. Sector areas and arc lengths; compound areas
2. Volume formulas, compound shapes, density problems
3. Unit conversions, rounding
4. Trigonometric situations
5. Solving for a missing input given a formula result

Quadrilateral packet project grade

Homework: packet