Monday 03/18/2024

7th Grade

7.3 - Triangles

Learning Target

Students will be able to find missing angles in a triangle as well as test if a triangle can be made when given three side lengths.

Standards

7.G.2 Draw (freehand, with ruler and protractor/angle ruler, and/or with technology) geometric shapes with given conditions. Focus on constructing triangles from three measures of angles or sides, noticing when the conditions determine a unique triangle, more than one triangle, or no triangle.

Instruction

Warm Up: #101
Vocab: acute, obtuse, right, scalene, isosceles, equilateral
- finish problems from the 7.3 Desmos Lesson
- work on H.O.T. problems
- assign 7.3 Go Formative (testing side lengths, finding missing angles in a triangle, H.O.T. problems)

Assessment

7.3 Go Formative

8th Grade

Tuesday 03/19/2024

7th Grade

7.1 - 7.3 Quiz Day

Learning Target

Students will review their knowledge about angles and interior angles of a triangle.

Instruction

Warm Up: #102
Vocab: None
- complete TAIT with partner (use the problem that helps them review for the quiz)
- use the 7.1 - 7.3 Review Quizizz to go over the type of problems that will be on the quiz
- remainder of the class time to take 7.1 - 7.3 Quiz (Google Form)

Assessment

Finish 7.3 Go Formative

8th Grade

6.3 - Rotations

Standards

8.G.1 Verify experimentally the properties of rotations, reflections, and translations: (a) Lines are taken to lines, and line segments to line segments of the same length, (b) Angles are taken to angles of the same measure, (c) Parallel lines are taken to parallel lines.

Wednesday 03/20/2024

7th Grade

7.4 - Scale Drawings

Standards

7.G.1 Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.

Instruction

Warm Up: #103
Vocab: scale drawings, scale model, scale, scale factor
- walk through examples 1 - 4 and Got It ?'s on p. 576 - 578
- have students try Guided Practice and #1 and #2 with partner p. 578 - 579
- time to work on homework
- hand out study guides

Assessment

Scale Drawing WS (binder)

8th Grade

Ch.6 Review

Instruction

Warm Up: #104 - Talk About It Thursday
Vocab: transformations, translations, reflections, dilations, rotations
- Ch.6 Grudge Ball Kahoot Review Game
- split the room into 5 teams

Thursday 03/21/2024

7th Grade

7.4 - Scale Drawings

Standards

7.G.1 Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.

Instruction

Warm Up: #104 - Talk About It Thursday
Vocab: scale drawings, scale model, scale, scale factor
- Scale Drawings Scavenger Hunt + House Math
- have the entire class period to work on it

Assessment

Scale Drawing Scavenger Hunt + House Math (due Friday)

8th Grade

Ch. 6 Test Day

Friday 03/22/2024

No School Day

No School Day

6.3 - Rotations

Standards

8.G.1 Verify experimentally the properties of rotations, reflections, and translations: (a) Lines are taken to lines, and line segments to line segments of the same length, (b) Angles are taken to angles of the same measure, (c) Parallel lines are taken to parallel lines.

8.G.3 Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.

Instruction

Warm Up: #102
Vocab: rotation, center of rotation
-- show intro video on Rotations: http://www.youtube.com/watch?v=1sxml4Y1K3s
- walk through Rotation Guided Notes
- show how to use tracing paper or plates to graph rotations
- 2 examples (about origin and about a vertex)
- Students work on 6.3 Homework Practice

Assessment

6.3 Homework Practice WS

Attachments

8.G.3 Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.

Instruction

Warm Up: #102
Vocab: rotation, center of rotation
-- show intro video on Rotations: http://www.youtube.com/watch?v=1sxml4Y1K3s
- walk through Rotation Guided Notes
- show how to use tracing paper or plates to graph rotations
- 2 examples (about origin and about a vertex)
- students work on the Extra Practice (481 - 482: all problems)

Assessment

6.3 Extra Practice ALL

Attachments

ExploringRotationsCoordinatePlaneTransformationsNotesPractice-1.pdf

- winning team gets extra credit
- Transformations Scavenger Hunt Review

ExploringRotationsCoordinatePlaneTransformationsNotesPractice-1.pdf