



**Geometry**

**Name:** \_\_\_\_\_

**Unit 4—ratio & proportions**

**Period:** \_\_\_\_\_

**Day 2—entry task answers**

**Similar Polygons**

DEFINITION	DIAGRAM	STATEMENTS
Two polygons are <b>similar polygons</b> if and only if their corresponding angles are congruent and their corresponding sides are proportional.	<p><math>ABCD \sim EFGH</math></p>	$\angle A \cong \angle E$ $\angle B \cong \angle F$ $\angle C \cong \angle G$ $\angle D \cong \angle H$ $\frac{AB}{EF} = \frac{BC}{FG} = \frac{CD}{GH} = \frac{DA}{HE} = \frac{1}{2}$



**Geometry**

**Name:** \_\_\_\_\_

**Unit 4—ratio & proportions**

**Period:** \_\_\_\_\_

**Day 2—entry task answer**

**Similar Polygons**

DEFINITION	DIAGRAM	STATEMENTS
Two polygons are <b>similar polygons</b> if and only if their corresponding angles are congruent and their corresponding sides are proportional.	<p><math>ABCD \sim EFGH</math></p>	$\angle A \cong \angle E$ $\angle B \cong \angle F$ $\angle C \cong \angle G$ $\angle D \cong \angle H$ $\frac{AB}{EF} = \frac{BC}{FG} = \frac{CD}{GH} = \frac{DA}{HE} = \frac{1}{2}$



**Geometry**

**Name:** \_\_\_\_\_

**Unit 4—ratio & proportions**

**Period:** \_\_\_\_\_

**Day 2—entry task answer**

**Similar Polygons**

DEFINITION	DIAGRAM	STATEMENTS
Two polygons are <b>similar polygons</b> if and only if their corresponding angles are congruent and their corresponding sides are proportional.	<p><math>ABCD \sim EFGH</math></p>	$\angle A \cong \angle E$ $\angle B \cong \angle F$ $\angle C \cong \angle G$ $\angle D \cong \angle H$ $\frac{AB}{EF} = \frac{BC}{FG} = \frac{CD}{GH} = \frac{DA}{HE} = \frac{1}{2}$