

TAKS Objective 6
TEK G.10A
Tutorial
(Grade 11)

...use congruence transformations to make conjectures and justify properties of geometric figures including figures represented on a coordinate plane.

Congruence transformations are translations, reflections, and rotations.

What is a translation?

It is a slide.

What is a rotation?

It is a turn.

What is a reflection?

It is a flip or mirror-image.

Congruence transformations produce congruent figures.

An isometry produces congruent figures.

Therefore, congruence transformations are isometries.