

# Geometry - Intro to Proofs

## YAY MATH!

Students will be able to complete the following problems after watching the video:

What properties are demonstrated by the following statements?

$$80 = \angle A, \text{ so } \angle A = 80$$

$$7x = 28, \text{ so } x = 4$$

$$RS = TU, TU = YP, RS = YP$$

$$VR + TY = EN + TY$$

$$VR = EN$$

$$\angle 1 = \angle 2$$

$$\angle 1 = 30$$

*thus,*

$$\angle 2 = 30$$

$$\text{Given: } 8x - 5 = 2x + 1$$

$$\text{Prove: } x = 1$$

Statements	Reasons

