Similarity Proofs Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. Given: $∠J ≅ ∠R$

Prove: $\frac{JU}{RE}=\frac{MU}{ME}$



1. Given: $\overbar{ND}∥\overbar{AR}$

Prove: $∆NDZ\~∆ARZ$



1. Given: $\frac{JO}{NO}=\frac{KO}{MO}$

Prove: $∠J ≅ ∠N$



1. Given: $\frac{TE}{TA}=\frac{TS}{TM}$

Prove: $\frac{TE}{TA}=\frac{SE}{MA}$



1. Given: $\overbar{AB}⊥\overbar{AC}$

$$\overbar{NU}⊥\overbar{UC}$$

 Prove: $\frac{AC}{UC}=\frac{CB}{CN}$



1. Given: $\overbar{ED}⊥\overbar{AC}$

$∠$B is a right angle

 Prove: $∆ADE \~ ∆ABC$