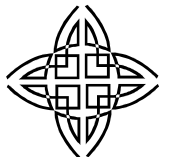


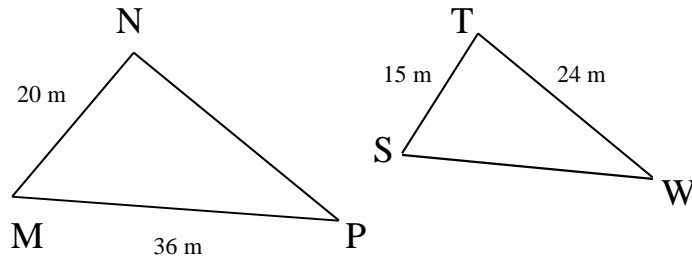


# Congruent/Similar Figures – Worksheet #2



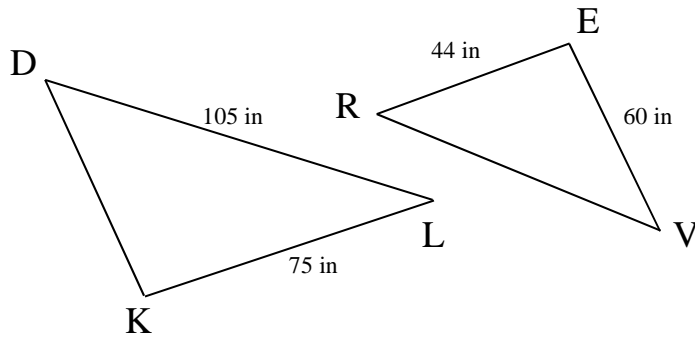
Use proportions to find the lengths of the missing sides.

1) **Given:**  $\triangle MNP \sim \triangle STW$  SW = \_\_\_\_\_



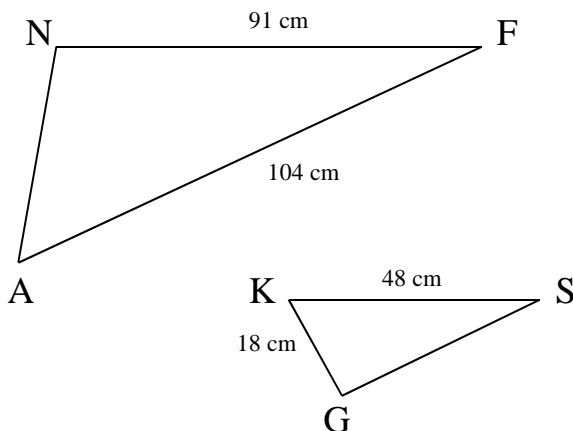
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2) **Given:**  $\triangle DKL \sim \triangle REV$  RV = \_\_\_\_\_



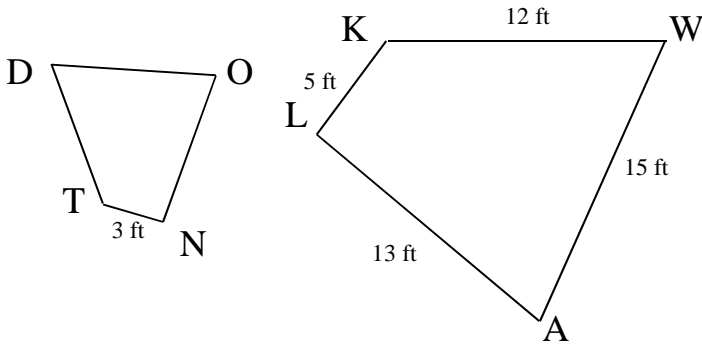
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3) **Given:**  $\triangle ANF \sim \triangle KGS$  AN = \_\_\_\_\_



# Congruent/Similar Figures – Worksheet #2

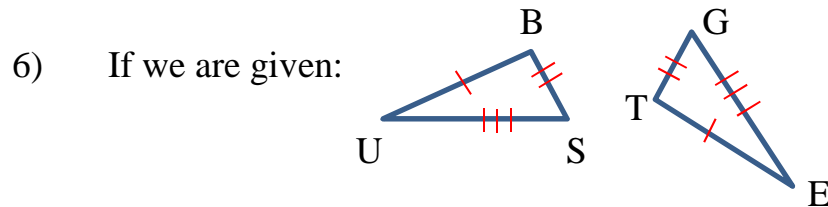
4) **Given:**  $DONT \sim WALK$  ON = \_\_\_\_\_



5) If we are given:  $MUST \sim WORK$

a) Which angle corresponds to  $\angle R$ ? \_\_\_\_\_ Do they have the same measure? \_\_\_\_\_

b) Which segment corresponds to  $\overline{ST}$ ? \_\_\_\_\_ Do they have the same measure? \_\_\_\_\_



a) What is true about the two triangles? \_\_\_\_\_

b) Which angle corresponds to  $\angle S$ ? \_\_\_\_\_

c) Which segment corresponds to  $\overline{ET}$ ? \_\_\_\_\_

## Definitions – Review

Congruent figures - \_\_\_\_\_

Similar figures - \_\_\_\_\_

Corresponding parts - \_\_\_\_\_

Proportion - \_\_\_\_\_