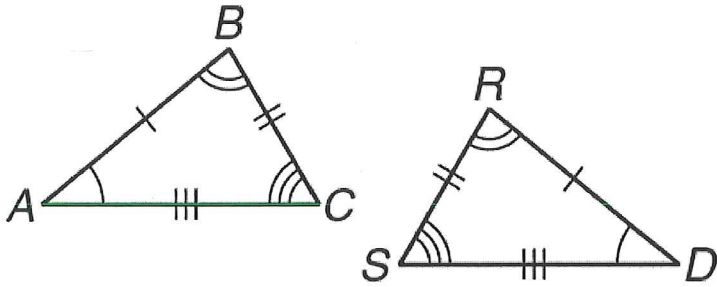


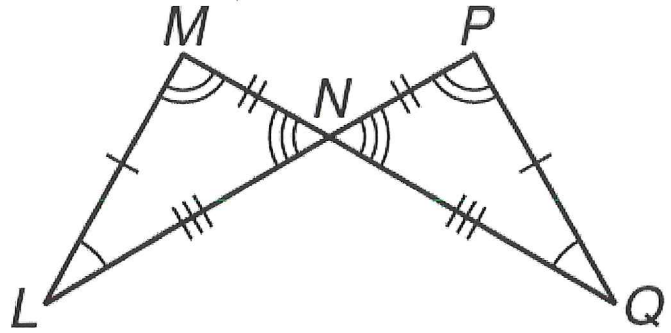
# Congruent Triangles Day 1 HW

Identify the congruent triangles and all congruent corresponding sides, and congruent corresponding angles. You must use three colors to indicate your corresponding (matching) sides and angles.

1.  $\triangle ABC \cong$  \_\_\_\_\_



2.  $\triangle NPQ \cong$  \_\_\_\_\_



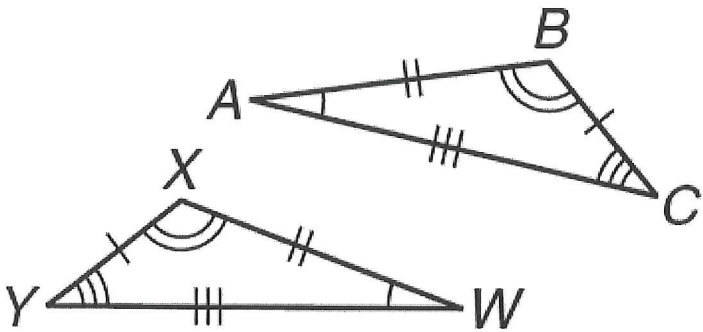
Congruent  
Corresponding  
Angles

Congruent  
Corresponding  
Sides

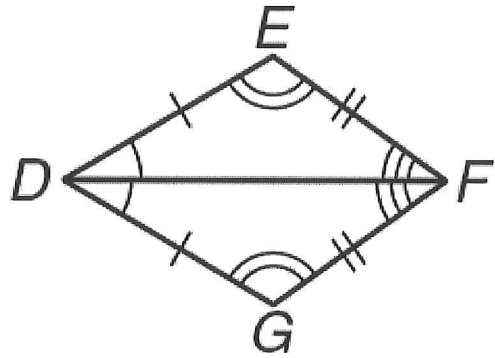
Congruent  
Corresponding  
Angles

Congruent  
Corresponding  
Sides

3.  $\triangle ABC \cong$  \_\_\_\_\_



4.  $\triangle DEF \cong$  \_\_\_\_\_



Congruent  
Corresponding  
Angles

Congruent  
Corresponding  
Sides

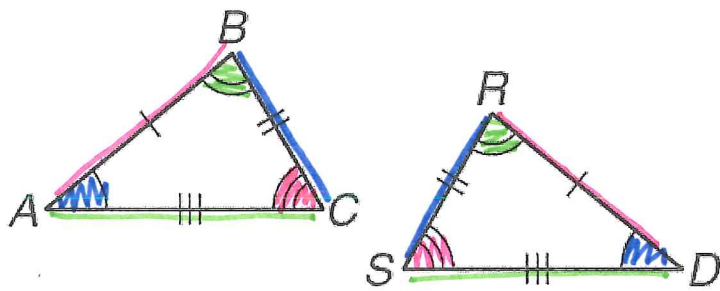
Congruent  
Corresponding  
Angles

Congruent  
Corresponding  
Sides

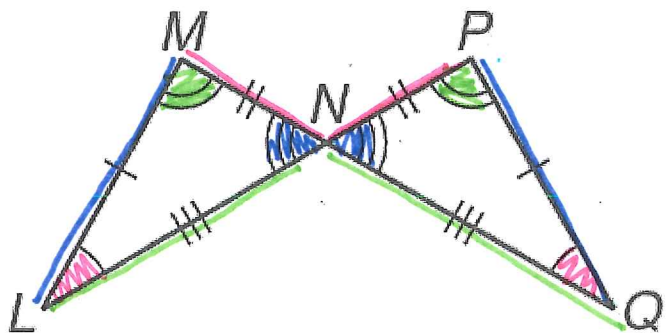
# Congruent Triangles Day 1 HW

Identify the congruent triangles and all congruent corresponding sides, and congruent corresponding angles. You must use three colors to indicate your corresponding (matching) sides and angles.

1.  $\triangle ABC \cong \triangle DRS$



2.  $\triangle NPQ \cong \triangle NML$



Congruent  
Corresponding  
Angles

$$\begin{aligned} \angle A &\cong \angle D \\ \angle C &\cong \angle S \\ \angle B &\cong \angle R \end{aligned}$$



Congruent  
Corresponding  
Sides

$$\begin{aligned} BC &\cong RS \\ AB &\cong RD \\ AB &\cong SD \end{aligned}$$

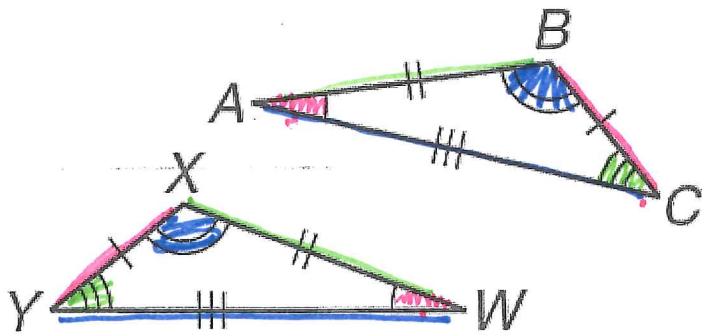
Congruent  
Corresponding  
Angles

$$\begin{aligned} \angle MNL &\cong \angle PNQ \\ \angle L &\cong \angle Q \\ \angle M &\cong \angle P \end{aligned}$$

Congruent  
Corresponding  
Sides

$$\begin{aligned} ML &\cong PQ \\ MN &\cong NP \\ LN &\cong NQ \end{aligned}$$

3.  $\triangle ABC \cong \triangle WXY$



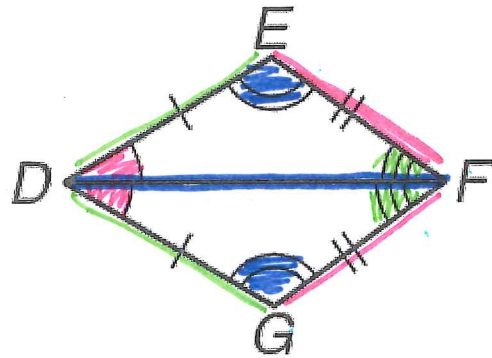
Congruent  
Corresponding  
Angles

$$\begin{aligned} \angle X &\cong \angle B \\ \angle W &\cong \angle A \\ \angle Y &\cong \angle C \end{aligned}$$

Congruent  
Corresponding  
Sides

$$\begin{aligned} YW &\cong AC \\ BC &\cong XY \\ XW &\cong AB \end{aligned}$$

4.  $\triangle DEF \cong \triangle DGF$



Congruent  
Corresponding  
Angles

$$\begin{aligned} \angle E &\cong \angle G \\ \angle EDF &\cong \angle GDF \\ \angle GFD &\cong \angle EFD \end{aligned}$$

Congruent  
Corresponding  
Sides

$$\begin{aligned} DF &\cong DF \\ EF &\cong GF \\ DG &\cong DE \end{aligned}$$