

CO-C9a

Practice Assessment

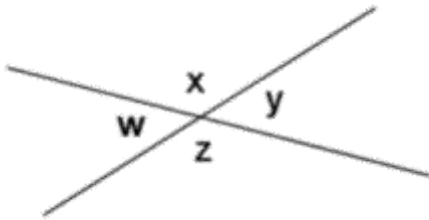
1. Write the converse and the contrapositive of the following statement:

If a shape is a square, then it has 4 right angles.

Converse:

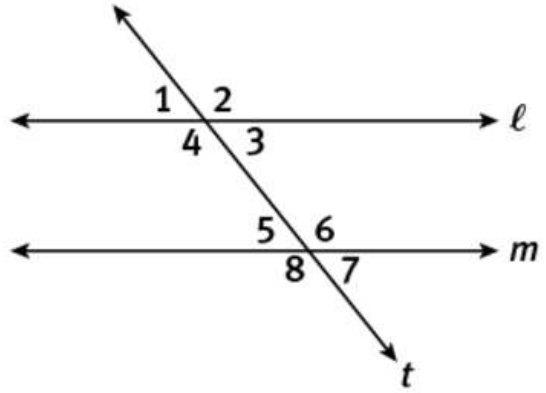
Contrapositive:

2. Given these two segments intersecting to create 4 angles, prove that $\angle w \cong \angle y$.



CO-C9b

- For this problem only, it is given that lines m and l are parallel. If $\angle 5 = 40^\circ$, find the measures of the following angles:
1: 3: 6: 8:
2: 4: 7:
- If we are given that $\angle 4 \cong \angle 6$, prove that $m \parallel l$



CO-D12a

- Point C is the midpoint of \overline{QR} . $QC = 3x + 2$ and $QR = x + 14$. Find the length of \overline{CR} .