

CO-C9a

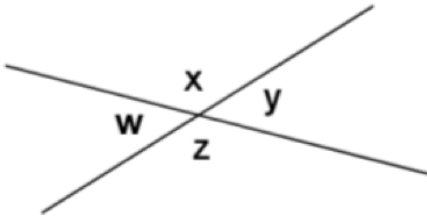
Practice Assessment

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. Write a convincing argument as to why $\angle w \cong \angle y$.



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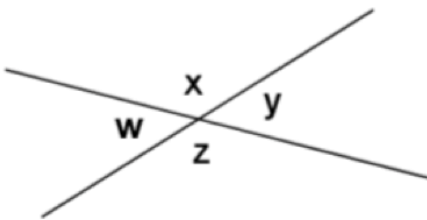
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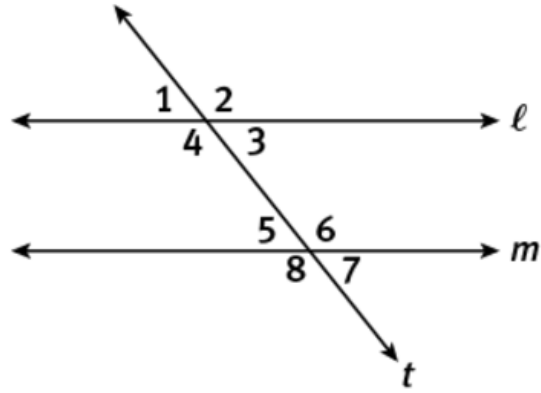


CO-C9b

3. 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:

4. Suppose we don't know if l and m are parallel, but we think we can prove it. If we are given that $\angle 4 \cong \angle 6$, show that we can prove $m \parallel l$



CO-D12a

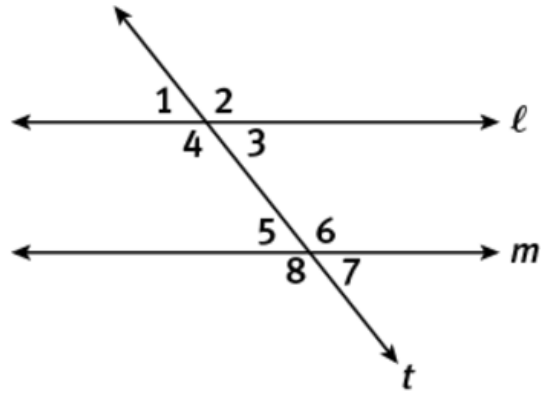
5. Point C is the midpoint of \overline{QR} . $QC = 3x+2$ and $QR = x+14$. Find the value of x and then find the length of \overline{CR} .

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