

Geometry (H)

Class Date

Let's practice drawing conclusion and providing reasons for each.

Fill in the table below.

	GIVEN	CONCLUSION	REASON
1	B is on the interior of $\angle ACS$		
2	$\angle AOB \cong \angle BOC,$ $\angle BOC \cong \angle COD$		
3	$\angle S$ and $\angle P$ are complementary		
4	Points I, J and K are all on line m		
5	$\triangle ABC$ is equilateral		
6	Planes P and Q intersect		
7	$\angle 1$ is obtuse		
8	$\angle GRS \cong \angle SRL$		
9	$m\angle X = 90^\circ$		
10	Line m bisects \overline{ST} at W		

Continue to fill in the table with the appropriate conclusion and reason.

	GIVEN	CONCLUSION	REASON
11	\overline{CD} bisects $\angle BCR$		
12	$\overline{AB} \cong \overline{CD}$		
13	$m\angle C + m\angle D = 180$		
14	$\triangle ABC$ with $\overline{AB} \cong \overline{AC}$		
15	M is the midpoint of \overline{AB}		
16	Line t and line m intersect		
17	J, K and L are noncollinear points		
18	E is between D and F		