

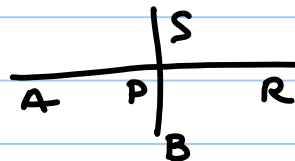
1.4 Homework Check Solutions

Note Title

9/3/2015

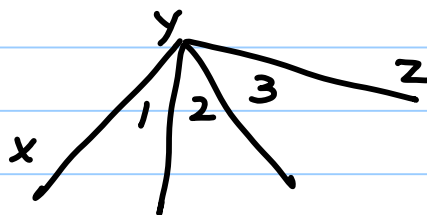
#6 Given: Diagram as shown

Prove: $\angle APR \cong \angle SPB$



Statements	Reasons
1. Diag	1. given
2. $\angle APR$ st \angle	2. Diag \Rightarrow st \angle (1)
3. $\angle SPB$ st \angle	3. Diag \Rightarrow st \angle (1)
4. $\angle APR \cong \angle SPB$	4. 2 st \angle s $\Rightarrow \cong \angle$ s (2,3)

#7 Given: $\angle 1 = 20^\circ$
 $\angle 2 = 40^\circ$
 $\angle 3 = 30^\circ$



Prove: $\angle XYZ$ rt \angle

Statements	Reasons
1. $\angle 1 = 20^\circ$ $\angle 2 = 40^\circ$ $\angle 3 = 30^\circ$	1. Given
2. $\angle XYZ = 90^\circ$	2. Add (1)
3. $\angle XYZ$ rt \angle	3. $90^\circ \Rightarrow$ rt \angle (2)

