

Red 7.1-7.3 Quiz Review  
Pg 291 # 1-14

1. adjacent  $\angle PQR$  and  $\angle RQS$   
 $\angle RQS$  and  $\angle SQT$   
 $\angle SQT$  and  $\angle TQP$   
 $\angle TQP$  and  $\angle PQR$

vertical  $\angle PQR$  and  $\angle SQT$   
 $\angle RQS$  and  $\angle TQP$

2. adjacent LOTS!  
vertical  $\angle XUY$  and  $\angle VUW$

3 Adjacent  $x = 180 - 34 = 146^\circ$

4 Adjacent  $x = 90 - 74 = 16^\circ$

5 vertical  $x + 10 = 59$   $x = 49^\circ$

6 Supplementary  $2x + 5 + 75 = 180$   $x = 50$

7 complimentary  $1x + 3x - 6 = 90$   
 $4x = 96$   $x = 24$

11  $x = 115$  obtuse scalene

12  $x = 45$  right isosceles

13  $x = 80$  equilateral equiangular

14. use vertical angles :  $\angle 2 \cong \angle 115^\circ$

use supplementary angles :  $\angle 3 = 65^\circ$   
 $\angle 3$  and  $\angle 2 = 180$   
so  $\angle 2 = 115^\circ$