

# HW 74

pr 26

1. Trig
2. angle
3. congruent
4. radian
5. acute / obtuse
6. complementary & supplementary

15. a) II b) IV

16. a) I b) III

17. a) III b) ~~II~~ I

18. a) II b) IV

23. a)  $405^\circ$  &  $-315^\circ$

b)  $324^\circ$  &  $-396^\circ$

24. a)  $-240^\circ$  &  $480^\circ$

b)  $-60^\circ$  &  $300^\circ$

25. a)  $-60^\circ$  &  $660^\circ$

b)  $20^\circ$  &  $-340^\circ$

35. a) C:  $72^\circ$   
S:  $102^\circ$

b) C:  $5^\circ$   
S: ~~20~~  $95^\circ$

36. a) C:  $44^\circ$   
S:  $134^\circ$

b) C: none  
S:  $87^\circ$

45. a) I b) III

46. a) III b) III

47. a) I b) III

48. a) IV b) II

55. a)  $\frac{13\pi}{6}$  &  $-\frac{11\pi}{6}$

b)  $-\frac{7\pi}{6}$  &  $\frac{17\pi}{6}$

56. a)  $-\frac{5\pi}{6}$  &  $\frac{19\pi}{6}$

b)  $\frac{\pi}{6}$  &  $-\frac{23\pi}{6}$

61. a) C:  $\frac{5\pi}{12}$   
S:  $\frac{11\pi}{12}$

b) C: none  
S:  $\frac{\pi}{12}$