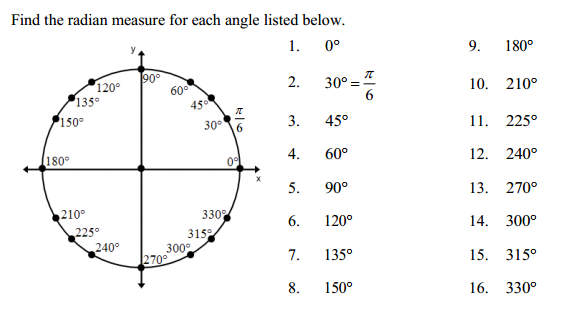
Math 3/3H Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6.1 The Unit Circle** Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_



**Convert each degree measure into radians.**

17. -2900 18. 3450 19. 9700 20. -5100 21. 1500

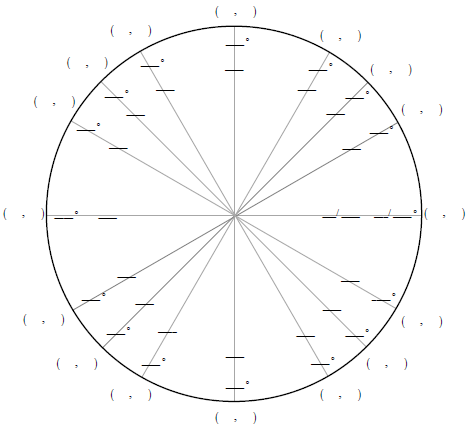
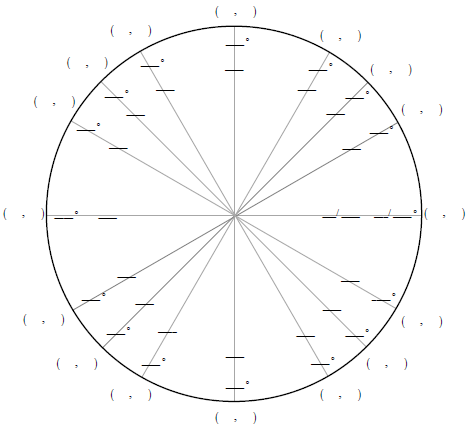
22. 3150 23. 2100 24. 900 25. 1800 26. 2250

**Convert each radian measure into degrees.**

27. 28. 29. 30. 31.

32. 33. 34. 35. 36.

**Fill in both unit circles below. (Practice memorizing**)



**List the order pair for the angle measure.**

37. 1800 = ( , ) 38. 2400 = ( , ) 39. 3300 = ( , )

40. = ( , ) 41. = ( , ) 42. = ( , )

**List the value according to the angle.**

43. x-value at 450 44. y-value at 1500 45. x-value at 2100

46. y-value at 47. x-value at 48. y-value at