

8-1 Degree Measures and Radians

Name _____

Change each degree measure to radian measure in terms of π .

_____ 1. 30°

_____ 2. 50°

_____ 3. 150°

_____ 4. 130°

_____ 5. 80°

_____ 6. 250°

_____ 7. 300°

_____ 8. 350°

_____ 9. 220°

Change each radian measure to degree measure.

_____ 10. $\frac{\pi}{2}$

_____ 11. $\frac{\pi}{4}$

_____ 12. $\frac{3\pi}{2}$

_____ 13. $\frac{3\pi}{5}$

_____ 14. $\frac{5\pi}{6}$

_____ 15. $\frac{7\pi}{2}$

_____ 16. $\frac{3\pi}{4}$

_____ 17. π

_____ 18. 4π

_____ 19. 3

_____ 20. 1.8

_____ 21. 4.7