

GSEPre-Calculus- Unit 3: Intro to Trig
Coterminal/Reference angles

Name _____ Date _____ Day _____

Sketch the angle in standard position.

13. 175°

14. -65°

15. 830°

16. -120°

Convert into radians.

17. 30°

$$\frac{\pi}{6}$$

18. 315°

$$\frac{7\pi}{4}$$

19. -144°

$$-\frac{4\pi}{5}$$

Convert into degrees.

20. $\frac{3\pi}{2}$

$$270^\circ$$

21. $\frac{7\pi}{3}$

$$420^\circ$$

22. $-\frac{7\pi}{6}$

$$-210^\circ$$

23. 6.54

$$374.71^\circ$$

24. 10.7

$$613.06^\circ$$

25. -1.35

$$-77.34$$

Find the length of the arc.

26. $\frac{2\pi}{3}; r = 1.5m$