

Name: _____

6.5 Radians Day 1

Find the radian measure of the angle with the given degree measure

1. 72°

2. -45°

3. -75°

4. 1080°

Find the degree measure of the angle with the given radian measure

5. $\frac{7\pi}{6}$

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

7. $\frac{5\pi}{18}$

8. 13

Find two positive and two negative coterminal angles for the given radian measure

9. $\frac{3\pi}{4}$

10. $\frac{-5\pi}{8}$

Find an angle between 0 and 2π that is coterminal with the given angle

11. $\frac{17\pi}{6}$

12. $-\frac{7\pi}{3}$

13. 87π

14. $\frac{17\pi}{4}$

WITHOUT NOTES: Fill in the radian values. Try to look at the values as a part to the whole circle instead of converting every degree value.

