

Name: _____

6.7 Exact Values Day 1

Find the exact value of the trigonometric function at the given real number

$$1. \sin \frac{2\pi}{3}$$

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

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

$$4. \sec \frac{2\pi}{3}$$

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

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

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

$$8. \csc \frac{5\pi}{6}$$

$$9. \sin \frac{-\pi}{3}$$

$$10. \cos \frac{-\pi}{3}$$

$$11. \tan \frac{-\pi}{3}$$

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

$$13. \sin \frac{5\pi}{4}$$

$$14. \cos \frac{5\pi}{4}$$

$$15. \tan \frac{5\pi}{4}$$

$$16. \csc \frac{5\pi}{4}$$

$$17. \sin \frac{23\pi}{6}$$

$$18. \cos \frac{23\pi}{6}$$

$$19. \tan \frac{23\pi}{6}$$

$$20. \cot \frac{23\pi}{6}$$

Find the exact values of the six trig functions of an angle θ whose terminal side passes through the given point.

$$21. (-3, 4)$$

$$22. (12, -5)$$