

Name _____

Due Date _____

Block _____

Trigonometry Practice Test #1.2

For each given angle, find the measure of θ_{ref} .

1. $\theta = 153$

2. $\theta = 49$

3. $\theta = 332$

For each given angle, convert from degrees to radians.

4. $\theta = 60$

5. $\theta = 270$

6. $\theta = 330$

Evaluate:

7. $\sin 225$

8. $\csc 150$

9. $\tan 30$

10. $\cos -90$

Graph the following functions within the given domain:

$$11. f(x) = \sin(3x) \quad \frac{-\pi}{3} \leq x \leq \frac{\pi}{3}$$

$$12. f(x) = 2 \cos(x - 60) \quad 60 \leq x \leq 240$$

$$13. f(x) = \cos(x - 45) \quad -315 \leq x \leq 405$$

$$14. f(x) = \tan(3x) \quad 0 \leq x \leq 2\pi$$

$$15. f(x) = \csc\left(x + \frac{\pi}{2}\right) \quad \frac{-\pi}{2} \leq x \leq \frac{5\pi}{2}$$