

Graphing Trig Functions Wkst

Sketch each of the following.

1. $y = \tan \frac{x}{4}$

2. $y = \cot 2x$

3. $y = -3\cot \frac{x}{2}$

4. $y = 2\sec 3x$

5. $y = -\csc\left(x + \frac{\pi}{4}\right)$

6. $y = -3\sec(2x - \pi)$

7. $y = 5\sin \frac{2x}{5}$

8. $y = 2\cos \frac{x}{4}$

9. $y = \frac{3}{2}\cos \frac{2x}{3}$

10. $y = 2\cos\left(\frac{x}{2} - \frac{\pi}{4}\right)$

11. $y = -3\cos(6x + \pi)$

12. $y = 2\sin\left(\frac{\pi x}{2} + \frac{\pi}{2}\right)$

13. $y = \tan(2x - \pi)$

14. $y = \cot\left(x + \frac{\pi}{2}\right)$

15. $y = -3\tan\left(x + \frac{\pi}{2}\right)$