

Inverse Trig Graphs

Graph each function. Label important features.

1. $y = \sin^{-1}\left(\frac{1}{4}x\right)$

2. $y = 4 \sin^{-1} x$

3. $y = -2 \sin^{-1}\left(\frac{1}{2}x\right)$

4. $y = 2\arcsin(x+1)$

5. $y = \arccos\left(\frac{1}{3}x\right)$

6. $y = 6\arccos(x) - \pi$

7. $y = 4 \cos^{-1} x$

8. $y = 2 \arccos(x + 2)$

9. $y = 4 \tan^{-1}(x - 2)$

10. $y = 2 \arctan x + \pi$

11. $y = -8 \tan^{-1}(x)$

12. $y = 6 \tan^{-1}(x + 1) + \pi$

From WS 23