

Inverse Trig Functions and Domain

Find the inverse of each function. State the domain of the function and its invers.

1) $y = 3\tan 2\theta - 2$

2) $y = \frac{1}{2} \cdot \cos \frac{\theta}{2} + 2$

3) $y = 2\tan \theta$

4) $y = \frac{1}{2} \cdot \sin 4\theta + 1$

5) $y = 2\sin 4\theta$

6) $y = 4\tan \frac{\theta}{2} - 2$