

Graph the following equations. State the domain, range, amplitude, and period of each.

1. $y = -5 \sin(3x)$

Domain:
Range:
Amplitude:
Period:

2. $y = -2 \cos(4\theta)$

Domain:
Range:
Amplitude:
Period:

3. $y = 4 \sin\left(\frac{1}{3}x\right)$

Domain:
Range:
Amplitude:
Period:

4. $y = 10 \tan(2\theta)$

Domain:

Range:

Amplitude:

Period:

5. $y = 2 \csc x$

Domain:

Range:

Amplitude:

Period:

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

Domain:

Range:

Amplitude:

Period: