

Random Questions

1. max 6

min -8

middle $-\frac{8+6}{2} = \frac{-2}{2} = -1$

What is the sinusoidal axis?

$y = -1$

2. $y = 3 \cos 2(x - 20^\circ) + 1$

What is the range?

$d + a \Rightarrow \text{max}$
 $d - a \Rightarrow \text{min}$

3. What is the period?

$y = -2 \sin \frac{1}{2}(x + 30^\circ) - 4$

$\{y \mid -2 \leq y \leq 4, y \in \mathbb{R}\}$

$H.S = 2$

$2 \times 360^\circ = 720^\circ$