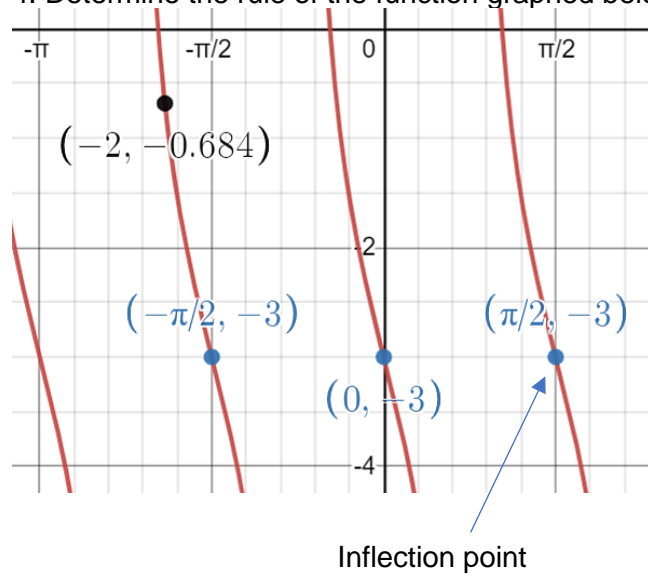


4. Determine the rule of the function graphed below.



5. Determine the zeros of the following function:

$$f(x) = 0.5 \tan\left(-2\left(x + \frac{\pi}{2}\right)\right) + 2 \text{ given } -\pi \leq x \leq \pi$$

6. Solve the following:

$$f(x) = 0.2 \tan\left(\frac{\pi}{2}(x + 1)\right) - 2 = 2 \text{ given } -2\pi \leq x \leq 0$$

7. Solve the following:

$$f(x) = -3 \tan\left(0.5\left(x + \frac{\pi}{2}\right)\right) - 6 = 10$$

8. Solve the following:

$$-5 \tan\left(0.8\left(x + \frac{\pi}{4}\right)\right) + 4 \geq 1$$