

Q13:

$$f(x) \in \left[\frac{\pi}{2} \text{rad}, \pi \text{rad} \right]$$

$$\cos(x) = \frac{-4}{5}$$

$$J : \left(\arccos\left(\frac{-4}{5}\right), \frac{-4}{5} \right) \text{ (eixos invertidos para facilitar a visualiza\c{c}\~{a}o)}$$

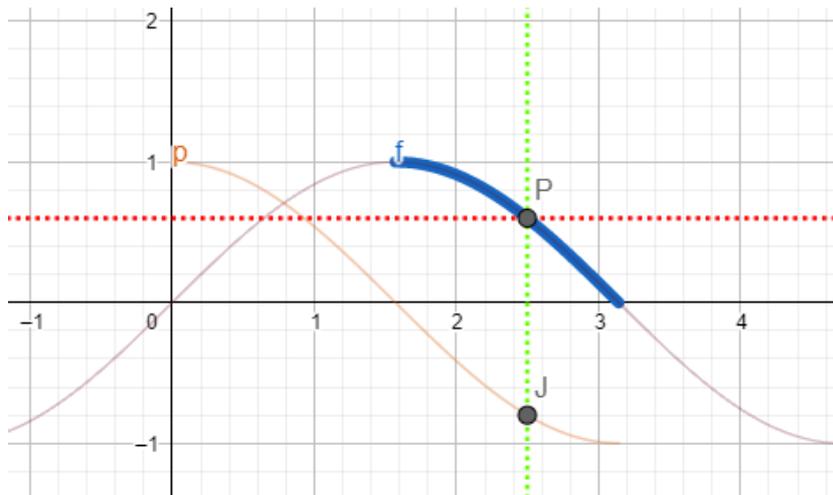
$$\text{sen}(x) = ? \rightarrow \text{sen}(x) = Py$$

$$Px = \arccos\left(\frac{-4}{5}\right) \cdot \pi/180 \approx 2,5 \text{rad} = Jx$$

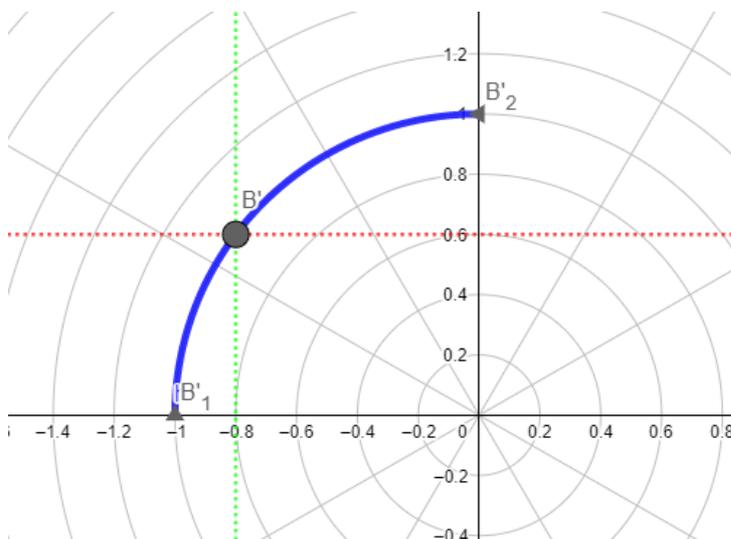
$$Py = \text{sen}\left(\arccos\left(\frac{-4}{5}\right)\right) = 0,6 \text{ ou } 3/5$$

$$P \in f(x).$$

ALTERNATIVA: C



vis\~{a}o linear.



vis\~{a}o do c\~{i}rculo trigonom\~{e}trico.