

$$\textcircled{1} \frac{\sin(120^\circ) + \cos(2\pi)}{\sin(\frac{4\pi}{3})}$$

$$\frac{\sin(\frac{3\pi}{6}) + 6}{\sin(\frac{4\pi}{3})} = \frac{1 + 1}{2 \sin(\frac{4\pi}{3})}$$

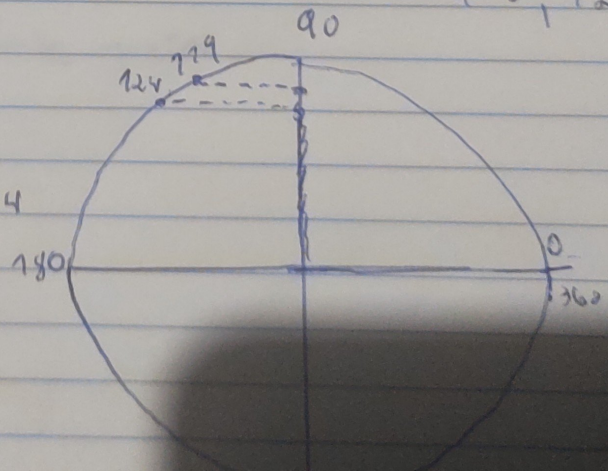
$$\frac{3}{2 \sin(\frac{4\pi}{3})} = \frac{3}{2 \sin(\frac{4\pi}{3})}$$

$$\frac{3}{2 \cdot \left(-\frac{\sqrt{3}}{2}\right)} = -\frac{3}{\sqrt{3}} = \boxed{-\sqrt{3}}$$

$$\textcircled{2} \begin{array}{r} 839^\circ \\ - 720^\circ \\ \hline 119 \end{array} \quad \frac{360}{2} = \sin 719$$

(0, 119)
(0, 124)

$$\begin{array}{r} 720^\circ \\ - 1080^\circ \\ \hline 124 \end{array} \quad \frac{360}{3} = \sin 124$$



D	S	T	Q	Q	S	S
D	L	M	M	J	V	S

R: Como os ângulos estão positivos, podemos dizer que o $\sin 124^\circ$ é maior.

$$\textcircled{3} \sin(3a) + \cos(8a), \quad a = \frac{\pi}{3}$$

$$\sin 7.60 + \cos 8.60$$

$$\sin 420 + \cos 480$$

$$\textcircled{1} \frac{2\pi \cdot 6}{4} + 2\pi \cdot R \quad \rightarrow 3$$

$$\frac{4 \div 12\pi}{4 \div 4} + 6\pi$$

$$\frac{1\pi}{1} + 6\pi = \boxed{7\pi}$$