NAME: PERIOD:

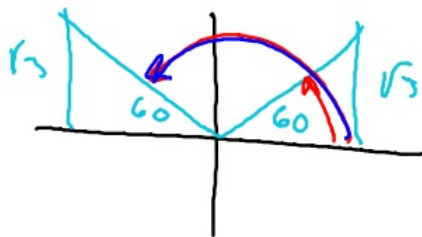You may NOT use your calculator.

Solve the following equation.

$$\sin 2x = \frac{\sqrt{3}}{2} \text{ on } [0, \pi].$$

5
4.5
(See me)

$$2x = \frac{\pi}{3} \quad \text{or} \quad 2x = \frac{2\pi}{3}$$

$$x = \frac{\pi}{6} \qquad\qquad x = \frac{\pi}{3}$$

$$\pi - \frac{\pi}{3}$$

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CMÉ