

AP CALCULUS

QUIZ 5

5 POINTS

NAME:

PERIOD:

S
4.5
CME

You may NOT use your calculator.

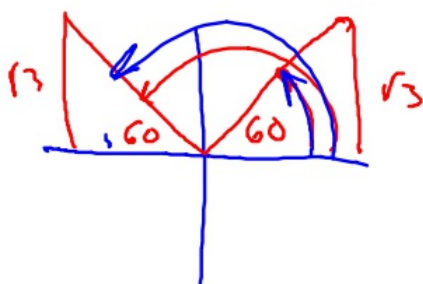
Solve the following equation.

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

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

$$x = \frac{\pi}{6} \quad \text{or} \quad x = \frac{\pi}{3}$$

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



314.707.6972