

[07-03-12-T11]

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■ Find all numbers that satisfy each equation

[1]  $\sin(2x) = \frac{\sqrt{3}}{2}$

[2]  $2 \sin(4\theta) = -\sqrt{3}$

[3]  $\sqrt{3} \tan(x) = 1$

[4]  $2 \cos(2x) = -\sqrt{2}$

[5]  $\sin \theta \leq -\frac{\sqrt{3}}{2}$

[6]  $\sin \theta \geq -\frac{\sqrt{3}}{2}$

[7]  $\frac{2}{\sqrt{3}} \cos x \leq -1$