Solving Trigonometric Equations Notes





Example: Solve for x in the indicated domain. When no domain is given, find all values of x.

a) $2\sin(x- \sqrt{3}=0 , for the domain \left[0, 2π\right])$ b) $2\sin(x- \sqrt{3}=0 , for all x)$

c) $(\sin(x+ 1)(2\cos(x-1) )=0 , for the domain \left[0, 2π\right])$ d) $(\sin(x+ 1)(2\cos(x-1) )=0 )$



e)





f)

Trigonometry/Precalculus Name

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Solve for the unknown variable on the interval .

1)  2) 

3)  4) 

Solve for the unknown variable for all values of x.

5)  6) 

7)  8) 