

Math 375, Spring 2026, Quiz 18, 3/30/26

Name:

Calculator problem

1) Solve $\sin(x) = -0.62$. Find all solutions from 0° to 360° .

2) Solve $\sin(5x) = -0.62$. Find all solutions from 0° to 360° .

Ans:

1) $x = 218.3^\circ, 321.7^\circ$

2) $x = 43.7^\circ, 64.3^\circ, 115.7^\circ, 136.3^\circ, 187.7^\circ, 208.3^\circ, 259.7^\circ, 280.3^\circ, 331.7^\circ, 352.3^\circ$