## QUIZ 2 - MATH 151 YOUR NAME:

Read each problem **very carefully** before starting to solve it. Each problem is worth 5 points. It is necessary to show **all** your work. Correct answers without explanations are worth 0 points. GOOD LUCK!!

1. Compute  $\cos(\sin^{-1}(-\frac{4}{5}))$ . Please, show all details.

2. Solve the trigonometric equation

 $\sin 2x - 2\cos x - \sin x + 1 = 0, \quad 0 \le x < 2\pi.$