

Name _____ No calculators. Present neatly. Score _____.

1)

Find all values of x for which the line that is tangent to $y = 3x - \tan x$ is parallel to the line $y - x = 2$.

Your work:

Name _____ No calculators. Present neatly. Score _____.

1)

Find all lines that are simultaneously tangent to the graph of $y = x^2 + 1$ and to the graph of $y = -x^2 - 1$.

Your work: