Stony Brook University
Mathematics Department
Oleg Viro

Seminar in Mathematics
Teaching/Learning
MAT 519
February 23, 2011

## Test 3

Name

1. Solve the equation $\sqrt{1+x}=-x$.
2. Solve the inequality $\frac{\sqrt{1+x}}{x}<-1$.
3. Solve the equation $x \cos x=\cos x$.
4. Draw the graph of the function $y=e^{-|x-1|}$.
