Stony Brook University Mathematics Department Oleg Viro

Seminar in Mathematics Teaching/Learning MAT 519 March 2, 2011

Test	4
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Name

1. Solve the equation $\sqrt{1+x} = -x$.

2. Solve the inequality $\frac{\sqrt{1+x}}{x} < -1$.

3. Solve the equation $x \tan \frac{x\pi}{2} = \tan \frac{x\pi}{2}$.

4. Draw the graph of the function $y = e^{|x-1|}$.