Graphing Systems /16

1. Solve this system and check your solution. (6 marks)

 $y=x^{2}-1$

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| --- |
| Check |
| Solution 1( , ) |  |  |
| Solution 2( , ) |  |  |

 $y=x+1$



2. Solve each system by graphing. (10 marks)

a) $y=(x+3)^{2}-2$ b) $y=-\frac{1}{3}(x-1)^{2}+5$

 $y=-x-3$ $y=\frac{1}{2}x^{2}+x-3.5$



 (Round to nearest tenth.)