Implicit Differentiation Worksheet ICMAB 2016

Find

1. 4

Find

Find

Find the Equation of the Line Tangent to y=f(x) at the Given Point:

1. at (1,1)
2. at (1,2)
3. at
4. at (3,3)
5. Find such that if (1,1) is on the graph and the line tangent at (1,1) has the equation .
6. Find the equations of 2 lines through the origin and tangent to

.

1. Find if and .
2. Find where the vertical and horizontal tangent lines to occur.
3. Find where the vertical and horizontal tangent lines to

2occur.