Calculus   Class Worksheet #4   Unit 5 _____

Find $\dfrac{d^2y}{dx^2}$ **for each of the following. Simplify your answer as much as possible.**

1. $x^2 + y^2 = 9$

2. $x^2 - y^2 = 16$

3. $xy = 8$

4. $x^2 + y^2 - 4x + 2y - 4 = 0$