

Implicit Differentiation

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Ex.  $x^3 - xy + y^3 = 1$

Try It.  $x^2y + xy^2 = 6$

Power Rule for Rational Powers

$$x^2 + \sqrt{3}xy + 2y^2 = 5 \quad (\sqrt{3}, 2)$$

Try It:  $2xy + \pi \sin y = 2\pi$