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Express y as a function of x in  $x^2 + y^5 = 10$ 

1) Move x<sup>2</sup> to the right side with subtraction.

$$y^5 = 10 - x^2$$

2) Now take the 5th root of both sides.

$$y = \sqrt[5]{10 - x^2}$$

3) When you plot this, you get the curve below. It passes the vertical line test for functions.

