

MA 122: Reading Assignment 7

Read Section 12.2, scan Section 12.3, and Read Section 12.4 and answer these questions:

- (1) Describe (with both words and pictures) the graph of the function $f(x, y) = y^3$.
- (2) What is an equation whose graph is the plane in \mathbb{R}^3 containing the point $(-1, 2, -3)$ and having slope 16 in the x -direction and -3.5 in the y -direction?