

EX.3.1.5, Sauer3

- a. Find a polynomial $p(x)$ of degree 3 or less whose graph passes through the four data points $(-2, 8)$, $(0, 4)$, $(1, 2)$, $(3, -2)$.
- b. Describe any other polynomials of degree 4 or less which pass through the four points in part (a).