



A graph showing two identical parabolic curves in the y - z plane. The horizontal axis is labeled y and has tick marks at -1, 1, and 2. The vertical axis has tick marks at 1, 3, 5, 7, 9, and 11. The curves are plotted as a red line and a blue line, both representing the equation $z = 1^4 + 1^3 + y^2 + 1 \cdot y$. The curves are parabolas opening upwards with their vertex at $(-0.5, 1.25)$. A gray circle marks the point $(2, 8)$ on the curves. A legend box at the top left contains the two equations, with the red line corresponding to the first and the blue line to the second.

$$z = 1^4 + 1^3 + y^2 + 1 \cdot y$$

$$z = 4 - 11 \cdot 1 + 9 \cdot 1^2 + y^2 + 1 \cdot y$$