

$$x^2 + 2x - y^2 - z^2 \left\{ \begin{array}{l} \text{none} \end{array} \right.$$

$$(5x + 7y - 25)^{-(x^2 + xy^2 + y^2)} \mathfrak{e}$$

$$x^2 + y^2 + z^2 + 2x + 4y - 6z \left\{ \begin{array}{l} -14 \text{ min} \quad (-1:-2:3) \end{array} \right.$$

$$2x - 6y + 8z - x^2 - y^2 - 2z^2$$

$$x^2 + y^2 + z^2 - xy + x - 2y \left\{ \begin{array}{l} -1 \text{ min} \quad (0:1:0) \end{array} \right.$$

$$x^4 + y^2 + z^2 - 2x^2 + 4y + 6z$$

$$(x + 1)^3 + y^2 + z^3 \left\{ \begin{array}{l} \text{sad} \quad (-1:0:0) \end{array} \right.$$

$$(x - 1)^4 + y^2 - (z + 1)^2$$

$$x^3 + (y - 2)^4 + z^2 \left\{ \begin{array}{l} \text{sad} \quad (0:2:0) \end{array} \right.$$

$$x^3 - yz + y^2 + 4x^2 - 8x + 16$$

$$2x^2 + y^2 + z^2 + 2xy - 4y + z \left\{ \begin{array}{l} -\frac{33}{4} \text{ min} \quad \left(-2:4:-\frac{1}{2}\right) \end{array} \right.$$