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$$4(x,y)=x^2+4y^2$$

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$$\begin{cases} \frac{13}{13} & f(x,y) = 6xy^{2} = 2x^{3} = 3y^{3} & (x_{0},y_{0}) = (1,-2) \\ T_{(x_{0},y_{0})} = \frac{1}{2}(x_{0},y_{0}) + \frac{1}{2}(x_{0},y_{0}) \begin{bmatrix} x-x_{0} \\ y-y_{0} \end{bmatrix} = \\ = \frac{1}{2}(x_{0},y_{0}) + \frac{1}{2}(x_{0},y_{0}) \begin{bmatrix} x-x_{0} \\ y-y_{0} \end{bmatrix} = \\ = \frac{1}{2}(x_{0},y_{0}) + \frac{1}{2}(x_{0},y_{0}) \begin{bmatrix} x-x_{0} \\ y+z \end{bmatrix} = \frac{1}{2}(x_{0},y_{0}) \begin{bmatrix} x-x_{0} \\ y+z \end{bmatrix} = \\ = \frac{1}{2}(x_{0},y_{0}) + \frac{1}{2}(x_{0},y_{0}) + \frac{1}{2}(x_{0}+z) \begin{bmatrix} x-z_{0} \\ y+z \end{bmatrix} = \\ = \frac{1}{2}(x_{0}-y_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) \begin{bmatrix} x-z_{0} \\ y+z \end{bmatrix} = \\ = \frac{1}{2}(x_{0}-y_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) \begin{bmatrix} x-z_{0} \\ y+z \end{bmatrix} = \\ = \frac{1}{2}(x_{0}-y_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) \begin{bmatrix} x-z_{0} \\ y+z \end{bmatrix} = \\ = \frac{1}{2}(x_{0}-y_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) = \\ = \frac{1}{2}(x_{0}-y_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) = \\ = \frac{1}{2}(x_{0}-y_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) = \\ = \frac{1}{2}(x_{0}-y_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) = \\ = \frac{1}{2}(x_{0}-y_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) = \\ = \frac{1}{2}(x_{0}-y_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) = \\ = \frac{1}{2}(x_{0}-y_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) = \\ = \frac{1}{2}(x_{0}-y_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) = \\ = \frac{1}{2}(x_{0}-y_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) = \\ = \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) = \\ = \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) = \\ = \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) = \\ = \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) = \\ = \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0}) + \frac{1}{2}(x_{0}-z_{0$$