1) How mu ocube ent on perfection of principals:

$$z = \sqrt{1-x^3} + \ln(y^2-1)$$
 $1-x^3 \ge 0$
 $x \le 1$
 $y \ge 1$
 $y \le -1$
 $x \ge 1$
 $y \ge 1$
 $y \le 1$
 $y \le 1$
 $y \ge 1$
 $y \le 1$
 $y \ge 1$

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$$3 = \sqrt{2 \times y} + \cos \frac{x}{y} = (2 \times y + \cos \frac{x}{y})^{\frac{1}{2}}$$

$$2 = \frac{1}{2} (2 \times y + \cos \frac{x}{y})^{\frac{1}{2}} \cdot (2 y + (-\sin \frac{x}{y}) \cdot \frac{1}{y}) =$$

$$= \frac{2y - \sin \frac{x}{y}}{y}$$

$$2 = \frac{1}{2} (2 \times y + \cos \frac{x}{y})^{\frac{1}{2}} \cdot (2 \times x + (-\sin \frac{x}{y}) \cdot (-\frac{1}{y^2})) =$$

$$= \frac{2y - \sin \frac{x}{y}}{y^2}$$

$$= \frac{2x + \sin \frac{x}{y}}{y^2}$$

$$= \frac{2x + \sin \frac{x}{y}}{y^2}$$

$$= \frac{2y - \sin \frac{x}{y}}{y} \cdot \Delta x + 2y \Delta y =$$

$$= \frac{2y - \sin \frac{x}{y}}{y} \cdot \Delta x + (2x + \frac{\sin \frac{x}{y}}{y^2}) \cdot \Delta y -$$

$$= \frac{2y - \sin \frac{x}{y}}{y} \cdot \Delta x + (2x + \frac{\sin \frac{x}{y}}{y^2}) \cdot \Delta y -$$

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$$= \frac{2y - \sin \frac{x}{y}}{y} \cdot \Delta x +$$

$$= \frac{2y$$

4) Ucaupoleme MR Excapelly of Organization

$$Z = \chi^2 + \chi y + y^2 - 6\chi - 8g$$
 $Z'_{\chi} = 2\chi + y - 6$
 $Z'_{\chi} = \chi + 2g - 8$
 $(2\chi + y - 6 = 0)$
 $(\chi + 2g - 8 = 0)$
 $($

Экстремунан Ф-4