

$$f(x,y) = |x| (\forall y)$$

$$6) \text{ ls } \exists \text{ noneurous } \forall . \pi \neq \text{nemp. 70}$$

$$f = \begin{cases} 1, y = x^2 \\ 0, y \neq x^2 \end{cases}$$

$$f(x,y) = \begin{cases} (x^2 + y^2) & \text{sin } x^2 + y^2 \neq 0 \\ 0, x^2 + y^2 = 0 \end{cases}$$

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$$f(x,y) = \begin{cases} xy(x^2 - y^2) \\ x^2 + y^2 \end{cases}$$

$$g(x,y) = \begin{cases} xy(x^2 - y^2) \\ x^2 + y^2 \end{cases}$$

$$g(x,y) = \begin{cases} 1, x \in \mathbb{Q} \\ 0, x \notin \mathbb{Q} \end{cases}$$

(1) Eau 6 op-un uzwernito znarerne 6 crietran

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Kan-be Toren, TO 3TO nobiment ha unt-To:

$$f(x) = 0, \quad f(x) = 0 = 1, x \in 0$$

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(2)
$$f(x) = sign(x) \text{ ha } c-1, l$$
(3)
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(4)
$$f(x) = sign(x) \text{ ha } c-1, l$$
(5)
$$f(x) = f(x) = x^2 \sin \frac{1}{x^2} + x \neq 0$$
(7)
$$f(x) = f(x) = x^2 \sin \frac{1}{x^2} - \cos \frac{1}{x^2} \cdot \frac{1}{x} = 0$$
(9)
$$f(x) = f(x) = x^2 \sin \frac{1}{x^2} - \cos \frac{1}{x^2} \cdot \frac{1}{x} = 0$$
(12)
$$f(x) = f(x) = sign(x) \text{ ha } c-1, l$$
(13)