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JAM	s.d.

$$1) a \frac{x^2+1}{x} \geq 2$$

$$= \frac{x^2+1}{x} \geq \frac{2}{x}$$

$$b. |x-1| < 2 |x-3|$$

$$(x-1)^2 < 2^2 (x-3)^2$$

$$(x-1)(x-1) < 2^2 (x-3)(x-3)$$

$$x^2 - 2x + 1 < x^2 - 6x + 9$$

$$2) \text{ melalui } (-1, 2) \text{ garis lurus } x + 2y - 6 = 0$$

$$2x + y + 4$$

~~$$x - y = m(x - 1)$$~~

~~$$x - y = 2 + 1 = 3$$~~

$$4 \quad g(x) = \frac{1}{x^2 - 1}$$

$$5) \quad f^{-1}(2) \quad f(x) = \frac{x}{x+2}, \quad x > -2$$