$$f(x) = 4x - 3$$

$$f(x) = \sqrt{2}$$

$$f(x) = -x$$

$$f(x) = 5x^8 - 3x^3 + 2x^2$$

$$f(x) = \frac{3}{4}x^8 - \frac{1}{3}x^3 + \frac{5}{4}x^2 + \frac{5}{2}$$
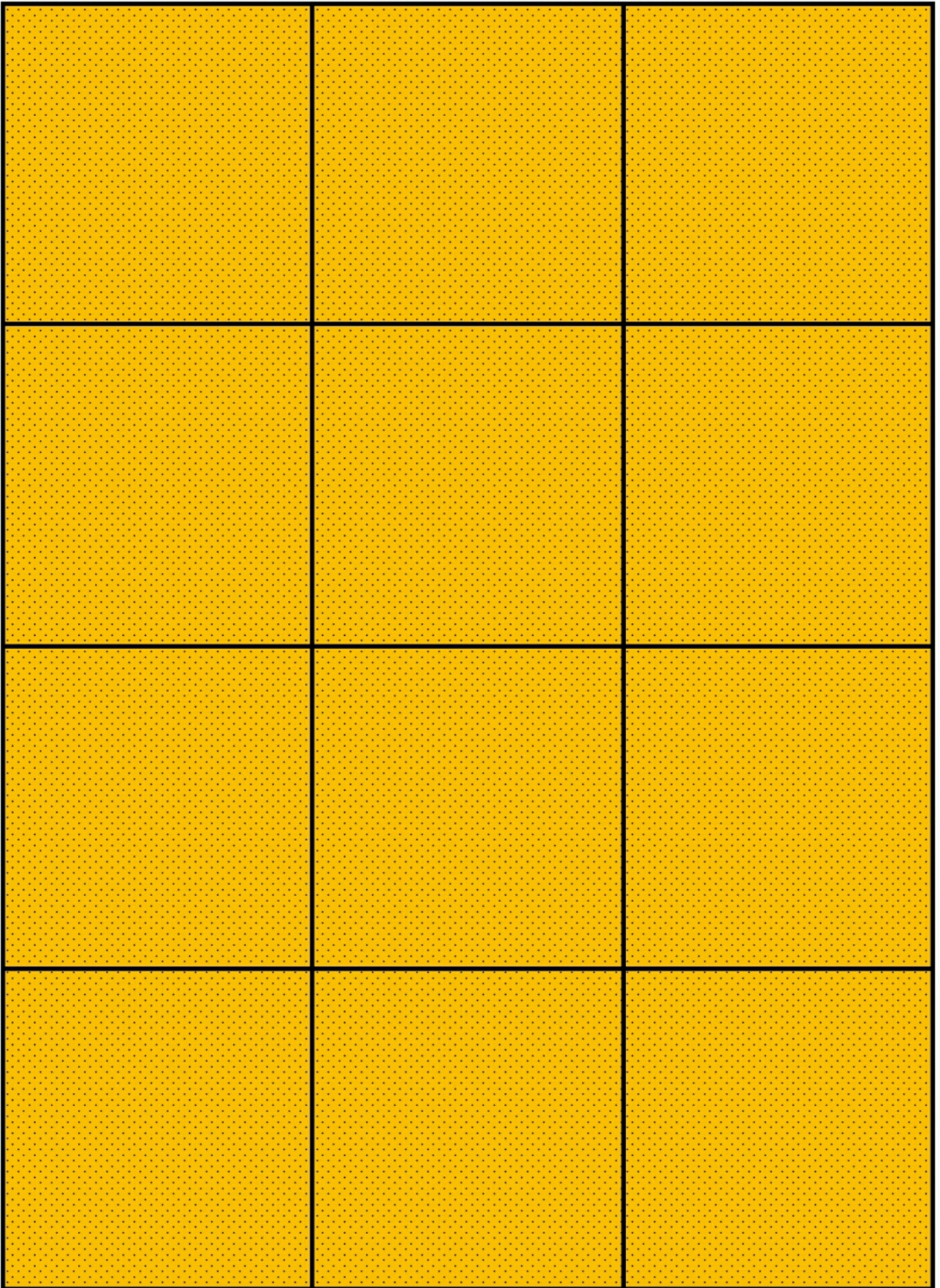
$$f(x) = \left(5x^2 + 1\right)^2$$

$$f(x) = \frac{1}{2}\left(x^{10} + 4x^3\right)$$

$$f(x) = \left(x^8 - 1\right)\left(4x^2 - 1\right)$$

$$f(x) = \sqrt[3]{x^2}$$

$$f(x) = \frac{1}{x^3}$$

$$f(x) = \frac{x^3}{x + 1}$$

$$f(x) = \left(x^2 + 1\right)^{51}$$

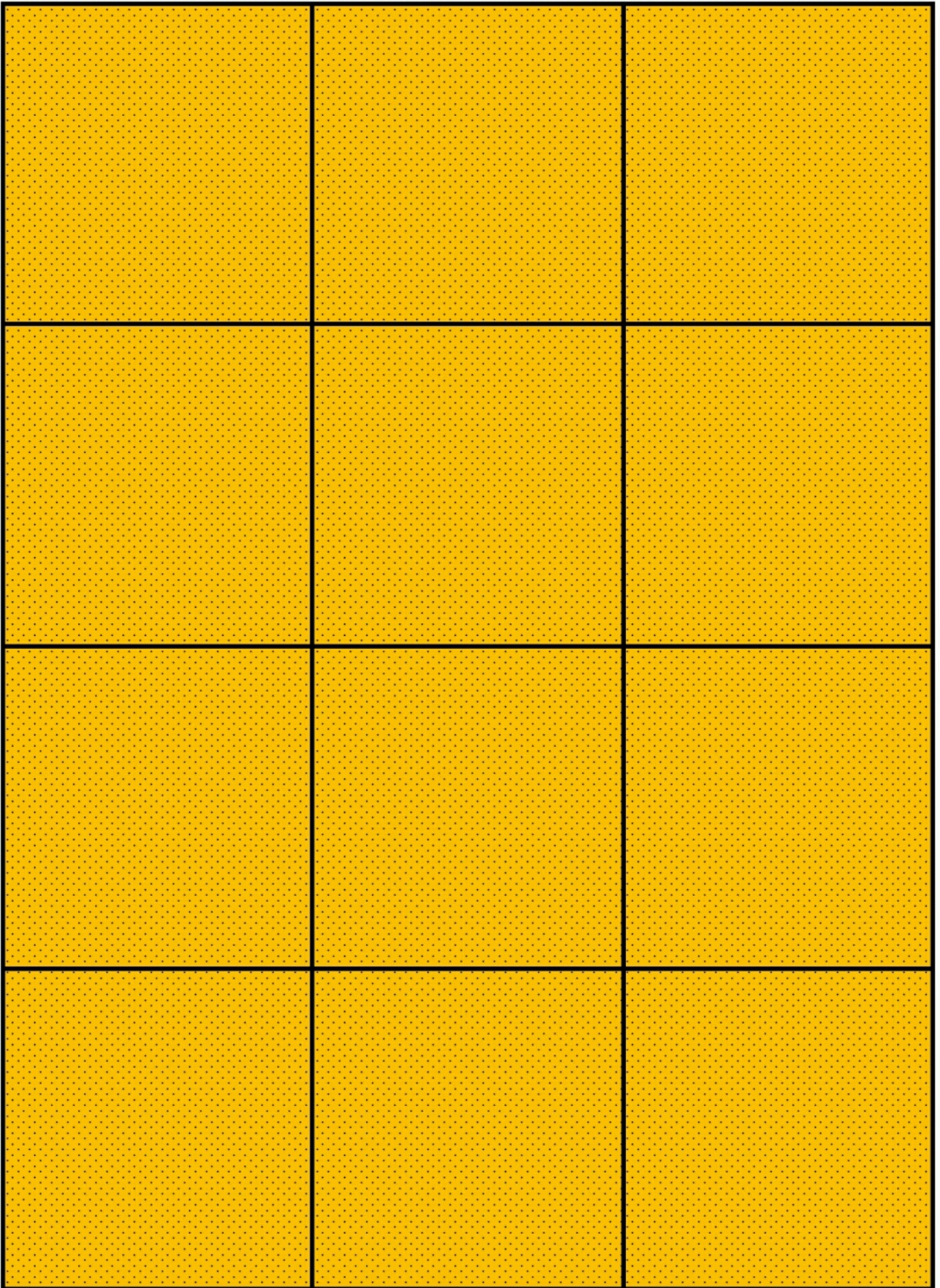|		
$f(x) = \dfrac{(5x - 3)^3}{(1 - 2x)^2}$	$f(x) = \dfrac{x^4}{2} - \dfrac{7}{3}x^3 - x^2 + 1$	$f(x) = \left(3x^2 - 1\right)^{10}$
$f(x) = \cos(2x)$	$f(x) = \cos^2(x) + \sin^2(x)$	$f(x) = 2 - \tan(x) + x$
$f'(x) = 4$	$f'(x) = 0$	$f'(x) = -1$
$f^1(x) = 40x^7 - 9x^2 + 4x$	$f'(x) = 6x^7 - x^2 + \dfrac{5}{2}x$	$f'(x) = 20x\left(5x^2 + 1\right)$

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$$f'(x) = 5x^9 + 6x^2$$

$$f'(x) = 8x\left(5x^8 - x^6 - 1\right)$$

$$f'(x) = \frac{2}{3 \cdot \sqrt[3]{x}}$$

$$f'(x) = -\frac{3}{x^4}$$

$$f'(x) = \frac{x^2(2x + 3)}{(x + 1)^2}$$

$$f'(x) = 102x\left(x^2 + 1\right)^{50}$$

$$f'(x) = \frac{(5x - 3)^2(-10x + 3)}{(1 - 2x)^3}$$

$$f'(x) = 2x^3 - 7x^2 - 2x$$

$$f'(x) = 60x\left(3x^2 - 1\right)^9$$

$$f'(x) = -2\sin(2x)$$

$$f'(x) = 0$$

$$f'(x) = \frac{2}{\cos^2(x)} + 1$$
$$= 2\tan^2(x) + 3$$