①

$$\frac{2\cos 2x}{3(\sin 2x)^{2/3}}$$

The previous answer was .....

$$y = \frac{2^x}{x^2}$$
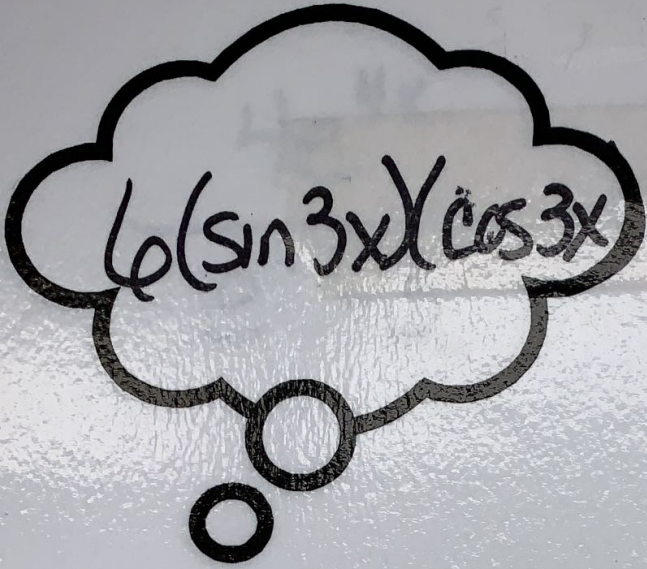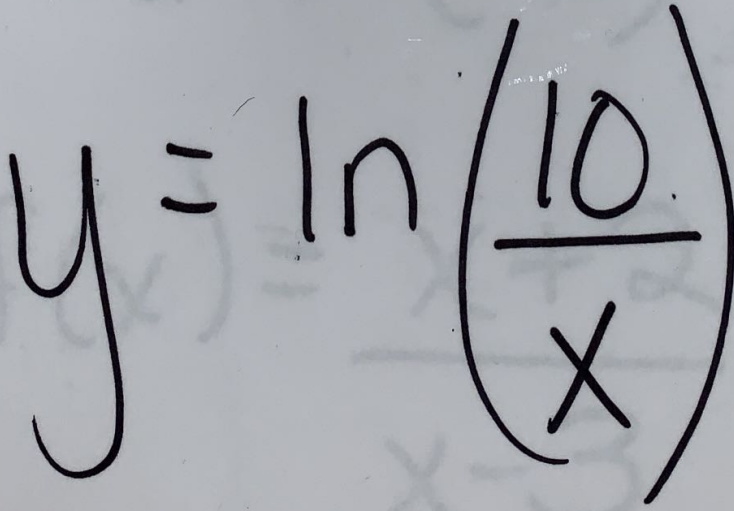
-5

The previous answer was .....

$$y = \frac{\ln(10)}{\sqrt{3x+1}}$$

(3)

$6(\sin 3x)(\cos 3x)$

The previous answer was .....

Find $f'(-2)$

$$y = \ln\left(\frac{10}{x}\right)$$

(4)

$$\dfrac{4e^{4x}}{e^{4x}-3}$$

The previous answer was .....

Find $f''(-2)$

$$f(x) = \dfrac{x+2}{x-3}$$
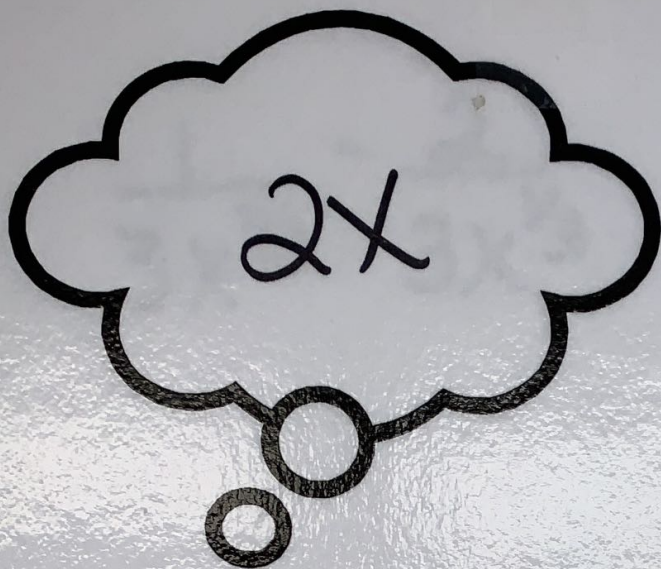
⑤

$$\frac{2x}{\ln 2(x^2+2)}$$

The previous answer was .....

Find the slope of
the tangent line @ x=2

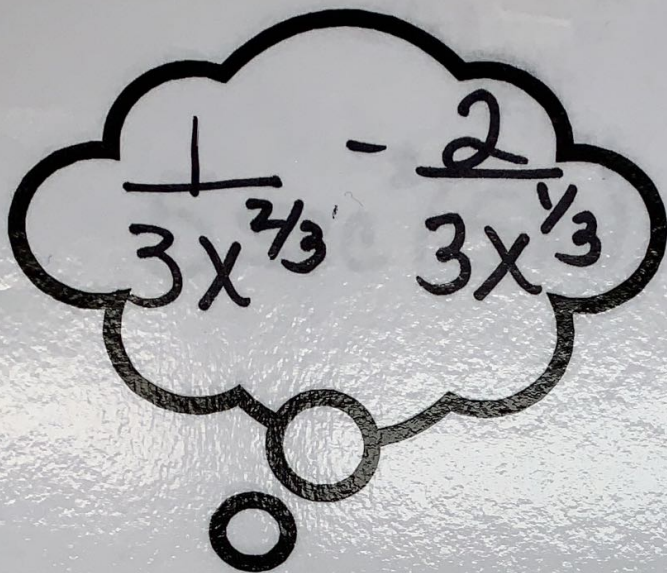$$y = \tan(5x)$$

(6)

2x

The previous answer was .....

Find the slope of
the tangent line @ x=2.

$$y = x^3 - 5x^2 + 3x - 1$$

⑦

$$\frac{1}{3x^{2/3}} - \frac{2}{3x^{1/3}}$$

The previous answer was .....

$$y = \frac{5x^2 + 10x}{5\sqrt[3]{x^2}}$$

(8)

$$5\sec^2(5x)$$

The previous answer was .....

$$y = \sqrt[3]{\sin(2x)}$$

9

$$\frac{x^2 2^x \ln 2 - 2^x \cdot 2x}{x^4}$$

The previous answer was .....

$$y = x^2 \ln x^2$$

(10)

$$-\sin(\sin x)\cos x$$
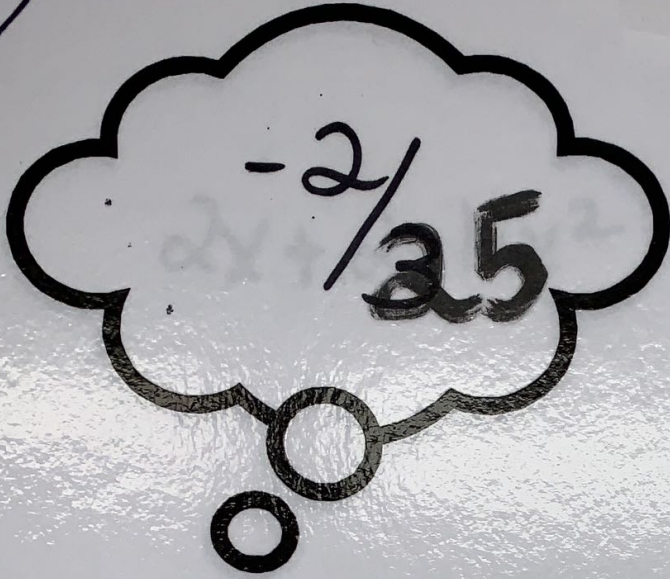
The previous answer was .....

$$y = \log_2(x^2 + 2)$$

(11)

$$-\frac{1}{x}$$

The previous answer was .....

$$y = \sqrt[3]{x} - \sqrt[3]{x^2}$$

(12)

$$-2/_{35}$$

The previous answer was .....

$$y = \sin^2(3x)$$

(13)

$$2x + 2x \ln x^2$$

The previous answer was .....

$$y = e^{\ln x^2} - 3)$$

(14)

$$\frac{-3}{2(3x+1)^{3/2}}$$

The previous answer was .....

$$y = \ln(e^{4x} - 3)$$

(15)

$$\frac{4x^{1/3}}{3} + \frac{2}{3x^{2/3}}$$

The previous answer was .....

$$y = \cos(\sin x)$$