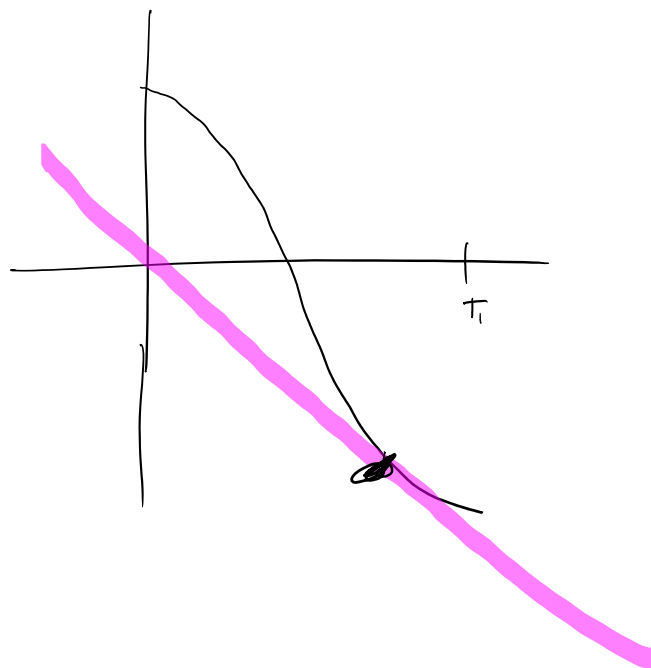


$$(91) \quad y = \cos x$$

$$\frac{dy}{dx} = -\sin x$$

$$y - 0 = (-\sin k)(x - 0)$$

$y = (-\sin k)x$	w
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92 $f'(x) = 3$

$$\int f(x) g''(x) dx = f(x)g'(x) - \int g'(x)f'(x) dx$$

$$u = f(x) \quad dv = g''(x) = f(x)g'(x) - 3 \int g'(x) dx$$

$$du = f'(x) \quad v = g'(x) = \dots - 3g(x)$$

$$f(x)g'(x) - 3g(x) \Big|_2^4$$

$$f(4)g'(4) - 3g(4) - [f(2)g'(2) - 3g(2)]$$

$$13(7) - 3(9) - [7(1) - 3(2)]$$

$$91 - 27 - (1) \quad \text{(A)}$$

91
28
63