The equation now:
$$f(x) = cos(5 * x); \tag{1}$$
After all the simplifications it looks like this:
$$f(x) = cos(5 * x); \tag{2}$$
$$\tag{3}$$
Let's find $f'(x)$.
$$(5 * x)' = 0 * x + 1 * 5 \tag{4}$$
$$(cos(5 * x))' = (0 * x + 1 * 5) * cos(5 * x + 1.5708) \tag{5}$$
The equation now:
$$f'(x) = (0 * x + 1 * 5) * cos(5 * x + 1.5708); \tag{6}$$
Mult it boyyyy!
$$1 * 5 = 5 \tag{7}$$
But look at that!
$$0 * x = 0 \tag{8}$$
Should be no trouble to see
$$0 + 5 = 5 \tag{9}$$
The equation now:
$$f'(x) = 5 * cos(5 * x + 1.5708); \tag{10}$$
After all the simplifications it looks like this:
$$f'(x) = 5 * cos(5 * x + 1.5708); \tag{11}$$
Let's count f(1). The equation now:
$$f = cos(5 * 1); \tag{12}$$
Mult it boyyyy!
$$5 * 1 = 5 \tag{13}$$
Dat COS
$$cos(5) = 0.283662 \tag{14}$$

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The equation now:
$$f = 0.283662; \tag{15}$$
After all the simplifications it looks like this:

$$f = 0.283662; \tag{16}$$

Let's count f'(1). The equation now:

$$f'(x) = 5 * cos(5 * 1 + 1.5708); \tag{17}$$

Mult it boyyyy!
$$5 * 1 = 5 \tag{18}$$

Sample text
$$5 + 1.5708 = 6.5708 \tag{19}$$

Taking cosine
$$cos(6.5708) = 0.958924 \tag{20}$$

Let's multiply
$$5 * 0.958924 = 4.79462 \tag{21}$$

The equation now:
$$f'(x) = 4.79462; \tag{22}$$

After all the simplifications it looks like this:

$$f'(x) = 4.79462; \tag{23}$$