Thankfully, the derivative is additive.

$$\frac{d}{dx}\left(x+7\cdot\cos y^{x^2}\right) = (x)' + \left(7\cdot\cos y^{x^2}\right)'$$

Multiplication is a bit difficult, but we cad still manage it.

$$\frac{d(f \cdot g)}{dx} = f' \cdot g + f \cdot g'$$
$$f(x) = 7$$
$$g(x) = \cos y^{x^2}$$

Exponential differentiation is not as scary as it looks.

$$\frac{d}{dx}a^f = \ln a \cdot a^f \cdot f'$$
$$f(x) = \cos y$$
$$a = x^2$$

Polynomial differentiation is a piece of cake.

$$\frac{d}{dx}f^{a} = a \cdot f^{a-1} \cdot f'$$
$$f(x) = x$$
$$a = 2$$

The derivative of the target variable is obvious.

$$\frac{dx}{dx} = 1$$

Differentiation of a constant is trivial.

$$\frac{d}{dx}7 = 0$$

The derivative of the target variable is obvious.

$$\frac{dx}{dx} = 1$$