Derivative Rules

Let $h(x) = f(x)g(x)$ and let $j(x) = \frac{f(x)}{g(x)}$.

Directions: Use the digits 1-9, at most one time each, to fill in the boxes so that $h'(0) = 24$ and $j'(0) = 3$.

$$f(x) = \boxed{}\, x + \boxed{}$$

$$g(x) = \boxed{}\, x + \boxed{}$$