

ROUND 1	$f(x) = x^2(x^3 - 1)$ <i>Find $f'(x)$.</i>	$f(x) = (x + 3)^2$ <i>Find $f'(x)$.</i>	$f(x) = (4x + 1)(3x - 2)$ <i>Find $f'(x)$.</i>	$f(x) = (x^2 + 2)(x^2 - 2)$ <i>Find $f'(x)$.</i>
ROUND 2	$f(1) = 5, f'(1) = 10,$ $g(1) = 4, g'(1) = 3$ <i>If $h(x) = f(x) \cdot g(x)$, find $h'(1)$.</i>	$f(1) = 5, f'(1) = 10,$ $g(1) = 4, g'(1) = 3$ <i>If $k(x) = \frac{f(x)}{g(x)}$, find $k'(1)$.</i>	$f(x) = x \sin x$ <i>Find $f'(x)$.</i>	$f(x) = (x^2 + 1)(x^2 - 1)$ <i>Find $f'(x)$.</i>
ROUND 3	$f(x) = (x^2 + 1) \sin x$ <i>Find $f'(x)$.</i>	$f(x) = e^x \cos x$ <i>Find $f'(x)$.</i>	$f(x) = xe^x$ <i>Find $f'(x)$.</i>	$f(t) = (t^2 + 1)e^t$ <i>Find $f'(t)$.</i>
ROUND 4	$f(x) = -4x + 2 \tan x$ <i>Find $f'(x)$.</i>	$y = \sin x \cos x$ <i>Find y'.</i>	$f(x) = \frac{2x}{x + 1}$ <i>Find $f'(x)$.</i>	$f(x) = \frac{x + 1}{x - 1}$ <i>Find $f'(x)$.</i>

<p>ROUND 5</p>	$s(t) = \frac{2t + 3}{2t - 2}$ <p>Find $s'(t)$.</p>	$f(x) = \frac{x^2 + 1}{x^2 - 1}$ <p>Find $f'(x)$.</p>	$f(x) = \frac{\sin x}{x + 1}$ <p>Find $f'(x)$.</p>	$f(x) = \frac{1}{1 + \sqrt{x}}$ <p>Find $f'(x)$.</p>
<p>ROUND 6</p>	$f(x) = \frac{x}{\sin x}$ <p>Find $f'(x)$.</p>	$y = \frac{\tan x}{e^x}$ <p>Find y'.</p>	$f(x) = \frac{1 - \sin x}{1 + \sin x}$ <p>Find $f'(x)$.</p>	$f(x) = \frac{\sin x}{1 + \cos x}$ <p>Find $f'(x)$.</p>
<p>ROUND 7</p>	$y = \frac{x^2 + 1}{1 - x}$ <p>Find y'.</p>	$y = \frac{x \sin x}{1 + \cos x}$ <p>Find y'.</p>	$f(x) = \frac{2^x}{3^x}$ <p>Find $f'(x)$.</p>	$f(x) = x \cdot 5^x$ <p>Find $f'(x)$.</p>