Derivative Rules: Level 1

Analytical

$f(x) = x^2 \cos(x)$

$f'(x) =$

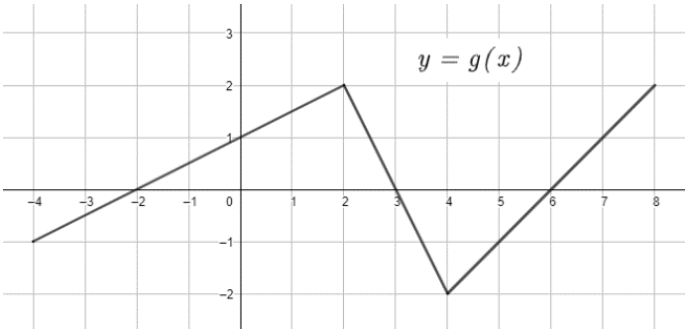
Numerical

x	-1	1
$k(x)$	-3	2
$k'(x)$	4	-5

$h(x) = \dfrac{k(x)}{3x}$

$h'(-1) =$

Graphical



$p(x) = 5x \cdot g(x)$

$p'(3) =$

Conceptual/Verbal

$g(x) = e^x$

$f(x) = 3g(x) - x^2 + 3$

$f'(2) =$