

1. If  $p(x) = f^2(x) - \frac{g(x)}{f(x)}$ , then  $p'(2) =$

<b>x</b>	<b>f(x)</b>	<b>g(x)</b>	<b>f'(x)</b>	<b>g'(x)</b>
1	3	1	-2	4
2	5	3	1	-4
3	2	1	-2	1
4	4	-3	2	-1

1. If  $p(x) = \frac{g(x)}{f(x)}$  then find  $p'(2)$

2. If  $p(x) = 5g(x) + 2f(x)$  then find  $p'(4)$

$x$	$f(x)$	$g(x)$	$f'(x)$	$g'(x)$
1	3	1	-2	4
2	5	3	1	-4
3	2	1	-2	1
4	4	-3	2	-1