

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

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

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