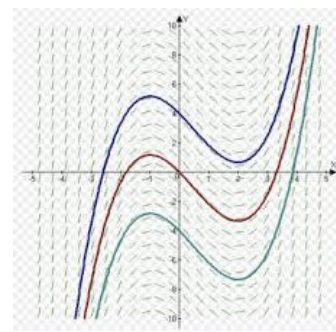


Week 9 Investigation:

You are to set out 3 example problems – Product rule, Quotient rule and an Anti-Differentiation problem most rigorously ie show best and all working.

I have started the Product rule set out for you:



Product rule: $f'(x) = vu' + uv'$

$f(x) =$

$u =$

$f'(x) =$

$u' =$

$v =$

$v' =$

Quotient rule

Anti-Differentiation