

**Ex 46 p 114**

$f'(x) = (2x - 2)(x + 2)$

$2x - 2 = 0 \iff x = 1$

$x + 2 = 0 \iff x = -2$

$x$	-4	-2	1	4	
$(2x - 2)$	-	0	-	+	
$(x + 2)$	-	0	+	+	
$f'(x) = (2x - 2)(x + 2)$	+	0	-	0	+
$f$					