

Multiply out the brackets in the following:

③ $(2x - 7)(3x + 4)$

④ $(4x^2 - 2x - 5)(2x - 3)$

③ $(2x - 7)(3x - 4)$

	$2x$	-7	
$3x$	$6x^2$	$-21x$	$-8x - 21x = -29x$ $6x^2 - 29x + 28$
-4	$-8x$	$+28$	

④ $(4x^2 - 2x + 5)(2x + 3)$

	$4x^2$	$-2x$	$+5$	
$2x$	$8x^3$	$-4x^2$	$+10x$	$+12x^2 - 4x^2 = +8x^2$ $-6x + 10x = +4x$
$+3$	$+12x^2$	$-6x$	$+15$	

$8x^3 + 8x^2 + 4x + 15$