Arithmetic Operations with Polynomial Expressions Worksheet:

1) Perform the indicated operations and simplify. Show all your work. (3x+4)(2x-5)	2) Perform the indicated operations and simplify. Show all your work. $5x(3x-1)(2x+3)$
3) Perform the indicated operations and	4) Perform the indicated operations and
simplify. Show all your work.	simplify. Show all your work.
$(3x+5)^2$	$(x-1)(x^2 + x + 1)$
Perform the indicated operations and simplify. Show all your work.	 Use Long Division to divide the polynomials. Show all your work.
$12x^3 + 26x^2 - 8x$	$6v^2 - 8v + 13$
$\frac{12x^2+26x^2-8x}{2x}$	$\frac{6x - 8x + 13}{3x + 2}$ No credit unless long division is shown.