9. Given $f=5-3x-3x^2$ and $v=-3-3x$, which of the following is correct:

$f\times v=3\ (x-1)\ \left(3x^2+3x-5\right)$	$f-v=2-3x^2$
$\frac{f+v}{f-v}=\frac{3x^2+6x-2}{3x^2+8}$	$f+v=-3x^2-6x+8$

$f-v=-3x^2-8$	$f+v=-3x^2-6x-2$
$f\times v=3\ (x-1)\ \left(3x^2+3x+5\right)$	$\frac{f+v}{f-v}=\frac{3x^2+6x-8}{3x^2-8}$

$\frac{f+v}{f-v}=\frac{3x^2+6x-2}{3x^2-8}$	$f+v=-3x^2-6x+2$
$f-v=8-3x^2$	$f\times v=3\ (x+1)\ \left(3x^2+3x-5\right)$

$\frac{f+v}{f-v}=\frac{3x^2+6x+2}{3x^2-8}$	$f-v=-3x^2-2$
$f+v=-3x^2-6x-8$	$f\times v=3\ (x+1)\ \left(3x^2+3x+5\right)$

Solution