3. Given $d=-x$ and $t=3-4x-x^2$, which of the following is correct:

$\frac{d+t}{d-t}=-\frac{x^2+5x-3}{x^2+5x+3}$	$d+t=-x^2-5x-3$
$d-t=x^2+3x+3$	$d\times t=x(x+1)(x+3)$

$d\times t=-x(x+1)(x+3)$	$d+t=-x^2-3x-3$
$d-t=x^2+5x+3$	$\frac{d+t}{d-t}=-\frac{x^2+5x+3}{x^2+3x-3}$

$\frac{d+t}{d-t}=-\frac{x^2+5x-3}{x^2+3x-3}$	$d+t=-x^2-5x+3$
$d\times t=x\left(x^2+4x-3\right)$	$d-t=x^2+3x-3$

$d+t=-x^2-3x+3$	$d-t=x^2+5x-3$
$d\times t=-x\left(x^2+4x-3\right)$	$\frac{d+t}{d-t}=-\frac{x^2+3x+3}{x^2+3x-3}$

Solution