9. Given $g=\frac{1}{3-3x}$ and $x=-2$, which of the following is correct:

$g+x=\frac{3x^2-3x-1}{3(x-1)}$	$g-x=-\frac{3x^2-3x+1}{3(x-1)}$
$g\times x=-\frac{x}{3(x-1)}$	$\frac{g+x}{g-x}=\frac{(x+1)(6x-5)}{(x-1)(3x^2+3x+1)}$

$g-x=-\frac{3x^2+3x+1}{3(x+1)}$	$g+x=\frac{3x^2+3x-1}{3(x+1)}$
$\frac{g+x}{g-x}=\frac{3x^2-3x-1}{6x-7}$	$g\times x=-\frac{x}{3(x+1)}$

$\frac{g+x}{g-x}=-\frac{6x-5}{6x-7}$	$g+x=-\frac{6x-5}{3(x-1)}$
$g\times x=\frac{2}{3(x-1)}$	$g-x=\frac{6x-7}{3(x-1)}$

$g+x=-\frac{6x+7}{3(x+1)}$	$g\times x=\frac{2}{3(x+1)}$
$\frac{g+x}{g-x}=\frac{(x-1)(3x^2+3x-1)}{(x+1)(6x-7)}$	$g-x=\frac{6x+5}{3(x+1)}$

Solution