2. Given $r=3+x$ and $x=x$, which of the following is correct:

$r-x=2x+3$	$\frac{r+x}{r-x}=\frac{2x+3}{2x-3}$
$r+x=3$	$r\times x=-x(x+3)$

$r+x=-3$	$r-x=2x-3$
$r\times x=-(x-3)x$	$\frac{r+x}{r-x}=1$

$r+x=2x+3$	$r\times x=x(x+3)$
$\frac{r+x}{r-x}=\frac{1}{3}(2x+3)$	$r-x=3$

$r+x=2x-3$	$r\times x=(x-3)x$
$r-x=-3$	$\frac{r+x}{r-x}=-1$

Solution