4. Which of the following are correct calculations for difference quotient of:
$w(t) = 9t + 9$

$w(t) = 9t + 9$
$w(t+h) = 9(h + t) + 9$
$= 9h + 9t + 9$
$\frac{w(t+h) - w(t)}{h} = \frac{(9h + 9t + 9) - (9(t+1) + 9)}{h}$
$= \frac{9h}{h}$
$= \frac{h(9)}{h}$
$= 9$

$w(t) = 9t + 9$
$w(t+h) = 9(h + t) + 9$
$= 9h + 9t + 18$
$\frac{w(t+h) - w(t)}{h} = \frac{(9h + 9t + 18) - (9t + 9)}{h}$
$= \frac{9h}{h}$
$= \frac{h(9)}{h}$
$= 9$

$w(t) = 9t + 9$
$w(t+h) = 9(h + t) + 9$
$= 9h + 9t + 9$
$\frac{w(t+h) - w(t)}{h} = \frac{(9h + 9t + 9) - (9t + 9)}{h}$
$= \frac{9h}{h}$
$= \frac{h(9)}{h}$
$= 9$

$w(t) = 9t + 9$
$w(t+h) = 9(h + t) + 9$
$= 9h + 9t$
$\frac{w(t+h) - w(t)}{h} = \frac{(9h + 9t + 27) - (9t + 9)}{h}$
$= \frac{9h}{h}$
$= \frac{h(9)}{h}$
$= 9$

Solution