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

$f(t) = t + 4$
$f(t+h) = h + t + 4$
$= h + t + 4$
$\frac{f(t+h)-f(t)}{h} = \frac{(h+t+4)-(t+5)}{h}$
$= \frac{h}{h}$
$= \frac{h(1)}{h}$
$= 1$

$f(t) = t + 4$
$f(t+h) = h + t + 4$
$= h + t + 5$
$\frac{f(t+h)-f(t)}{h} = \frac{(h+t+5)-(t+4)}{h}$
$= \frac{h}{h}$
$= \frac{h(1)}{h}$
$= 1$

$f(t) = t + 4$
$f(t+h) = h + t + 4$
$= h + t + 4$
$\frac{f(t+h)-f(t)}{h} = \frac{(h+t+4)-(t+4)}{h}$
$= \frac{h}{h}$
$= \frac{h(1)}{h}$
$= 1$

$f(t) = t + 4$
$f(t+h) = h + t + 4$
$= h + t + 3$
$\frac{f(t+h)-f(t)}{h} = \frac{(h+t+6)-(t+4)}{h}$
$= \frac{h}{h}$
$= \frac{h(1)}{h}$
$= 1$

Solution