5. Which of the following are correct calculations for difference quotient of:

$v(s) = 5s + 7$

$v(s) = 5s + 7$

$v(s+h) = 5(h + s) + 7$

$= 5h + 5s + 7$

$\frac{v(s+h) - v(s)}{h} = \frac{(5h+5s+7) - (5(s+1)+7)}{h}$

$= \frac{5h}{h}$

$= \frac{h(5)}{h}$

$= 5$

$v(s) = 5s + 7$

$v(s+h) = 5(h + s) + 7$

$= 5h + 5s + 12$

$\frac{v(s+h) - v(s)}{h} = \frac{(5h+5s+12) - (5s+7)}{h}$

$= \frac{5h}{h}$

$= \frac{h(5)}{h}$

$= 5$

$v(s) = 5s + 7$

$v(s+h) = 5(h + s) + 7$

$= 5h + 5s + 7$

$\frac{v(s+h) - v(s)}{h} = \frac{(5h+5s+7) - (5s+7)}{h}$

$= \frac{5h}{h}$

$= \frac{h(5)}{h}$

$= 5$

$v(s) = 5s + 7$

$v(s+h) = 5(h + s) + 7$

$= 5h + 5s + 2$

$\frac{v(s+h) - v(s)}{h} = \frac{(5h+5s+17) - (5s+7)}{h}$

$= \frac{5h}{h}$

$= \frac{h(5)}{h}$

$= 5$

Solution