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

$n(w) = 6w + 9$

$n(w) = 6w + 9$

$n(w+h) = 6(h + w) + 9$

$= 6h + 6w + 9$

$\frac{n(w+h) - n(w)}{h} = \frac{(6h+6w+9) - (6(w+1)+9)}{h}$

$= \frac{6h}{h}$

$= \frac{h(6)}{h}$

$= 6$

$n(w) = 6w + 9$

$n(w+h) = 6(h + w) + 9$

$= 6h + 6w + 15$

$\frac{n(w+h) - n(w)}{h} = \frac{(6h+6w+15) - (6w+9)}{h}$

$= \frac{6h}{h}$

$= \frac{h(6)}{h}$

$= 6$

$n(w) = 6w + 9$

$n(w+h) = 6(h + w) + 9$

$= 6h + 6w + 9$

$\frac{n(w+h) - n(w)}{h} = \frac{(6h+6w+9) - (6w+9)}{h}$

$= \frac{6h}{h}$

$= \frac{h(6)}{h}$

$= 6$

$n(w) = 6w + 9$

$n(w+h) = 6(h + w) + 9$

$= 6h + 6w + 3$

$\frac{n(w+h) - n(w)}{h} = \frac{(6h+6w+21) - (6w+9)}{h}$

$= \frac{6h}{h}$

$= \frac{h(6)}{h}$

$= 6$

Solution