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

$n(x) = 4x + 3$

$n(x) = 4x + 3$

$n(x+h) = 4(h + x) + 3$

$= 4h + 4x + 3$

$\frac{n(x+h) - n(x)}{h} = \frac{(4h+4x+3) - (4(x+1)+3)}{h}$

$= \frac{4h}{h}$

$= \frac{h(4)}{h}$

$= 4$

$n(x) = 4x + 3$

$n(x+h) = 4(h + x) + 3$

$= 4h + 4x + 7$

$\frac{n(x+h) - n(x)}{h} = \frac{(4h+4x+7) - (4x+3)}{h}$

$= \frac{4h}{h}$

$= \frac{h(4)}{h}$

$= 4$

$n(x) = 4x + 3$

$n(x+h) = 4(h + x) + 3$

$= 4h + 4x + 3$

$\frac{n(x+h) - n(x)}{h} = \frac{(4h+4x+3) - (4x+3)}{h}$

$= \frac{4h}{h}$

$= \frac{h(4)}{h}$

$= 4$

$n(x) = 4x + 3$

$n(x+h) = 4(h + x) + 3$

$= 4h + 4x - 1$

$\frac{n(x+h) - n(x)}{h} = \frac{(4h+4x+11) - (4x+3)}{h}$

$= \frac{4h}{h}$

$= \frac{h(4)}{h}$

$= 4$

Solution