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

$b(n) = 3n + 3$

$b(n) = 3n + 3$

$b(n+h) = 3(h + n) + 3$

$= 3h + 3n + 3$

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

$= \frac{3h}{h}$

$= \frac{h(3)}{h}$

$= 3$

$b(n) = 3n + 3$

$b(n+h) = 3(h + n) + 3$

$= 3h + 3n + 6$

$\frac{b(n+h) - b(n)}{h} = \frac{(3h + 3n + 6) - (3n + 3)}{h}$

$= \frac{3h}{h}$

$= \frac{h(3)}{h}$

$= 3$

$b(n) = 3n + 3$

$b(n+h) = 3(h + n) + 3$

$= 3h + 3n + 3$

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

$= \frac{3h}{h}$

$= \frac{h(3)}{h}$

$= 3$

$b(n) = 3n + 3$

$b(n+h) = 3(h + n) + 3$

$= 3h + 3n$

$\frac{b(n+h) - b(n)}{h} = \frac{(3h + 3n + 9) - (3n + 3)}{h}$

$= \frac{3h}{h}$

$= \frac{h(3)}{h}$

$= 3$

Solution