4. Which of the following are correct calculations for difference quotient of:
$n(b) = 7b + 6$

$n(b) = 7b + 6$
$n(b+h) = 7(b+h) + 6$
$= 7b + 7h + 6$
$\frac{n(b+h)-n(b)}{h} = \frac{(7b+7h+6)-(7(b+1)+6)}{h}$
$= \frac{7h}{h}$
$= \frac{h(7)}{h}$
$= 7$

$n(b) = 7b + 6$
$n(b+h) = 7(b+h) + 6$
$= 7b + 7h + 13$
$\frac{n(b+h)-n(b)}{h} = \frac{(7b+7h+13)-(7b+6)}{h}$
$= \frac{7h}{h}$
$= \frac{h(7)}{h}$
$= 7$

$n(b) = 7b + 6$
$n(b+h) = 7(b+h) + 6$
$= 7b + 7h + 6$
$\frac{n(b+h)-n(b)}{h} = \frac{(7b+7h+6)-(7b+6)}{h}$
$= \frac{7h}{h}$
$= \frac{h(7)}{h}$
$= 7$

$n(b) = 7b + 6$
$n(b+h) = 7(b+h) + 6$
$= 7b + 7h - 1$
$\frac{n(b+h)-n(b)}{h} = \frac{(7b+7h+20)-(7b+6)}{h}$
$= \frac{7h}{h}$
$= \frac{h(7)}{h}$
$= 7$

Solution