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

$m(b) = 3b + 9$

$m(b) = 3b + 9$

$m(b+h) = 3(b+h) + 9$

$= 3b + 3h + 9$

$\frac{m(b+h) - m(b)}{h} = \frac{(3b+3h+9) - (3(b+1)+9)}{h}$

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

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

$= 3$

$m(b) = 3b + 9$

$m(b+h) = 3(b+h) + 9$

$= 3b + 3h + 12$

$\frac{m(b+h) - m(b)}{h} = \frac{(3b+3h+12) - (3b+9)}{h}$

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

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

$= 3$

$m(b) = 3b + 9$

$m(b+h) = 3(b+h) + 9$

$= 3b + 3h + 9$

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

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

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

$= 3$

$m(b) = 3b + 9$

$m(b+h) = 3(b+h) + 9$

$= 3b + 3h + 6$

$\frac{m(b+h) - m(b)}{h} = \frac{(3b+3h+15) - (3b+9)}{h}$

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

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

$= 3$

Solution