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

$m(d) = 2d + 9$

$m(d) = 2d + 9$

$m(d+h) = 2(d+h) + 9$

$= 2d + 2h + 9$

$\frac{m(d+h) - m(d)}{h} = \frac{(2d+2h+9) - (2(d+1)+9)}{h}$

$= \frac{2h}{h}$

$= \frac{h(2)}{h}$

$= 2$

$m(d) = 2d + 9$

$m(d+h) = 2(d+h) + 9$

$= 2d + 2h + 11$

$\frac{m(d+h) - m(d)}{h} = \frac{(2d+2h+11) - (2d+9)}{h}$

$= \frac{2h}{h}$

$= \frac{h(2)}{h}$

$= 2$

$m(d) = 2d + 9$

$m(d+h) = 2(d+h) + 9$

$= 2d + 2h + 9$

$\frac{m(d+h) - m(d)}{h} = \frac{(2d+2h+9) - (2d+9)}{h}$

$= \frac{2h}{h}$

$= \frac{h(2)}{h}$

$= 2$

$m(d) = 2d + 9$

$m(d+h) = 2(d+h) + 9$

$= 2d + 2h + 7$

$\frac{m(d+h) - m(d)}{h} = \frac{(2d+2h+13) - (2d+9)}{h}$

$= \frac{2h}{h}$

$= \frac{h(2)}{h}$

$= 2$

Solution