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

$m(d) = 2d + 3$

$m(d) = 2d + 3$

$m(d+h) = 2(d+h) + 3$

$= 2d + 2h + 3$

$$\frac{m(d+h) - m(d)}{h} = \frac{(2d+2h+3) - (2(d+1)+3)}{h}$$

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

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

$= 2$

$m(d) = 2d + 3$

$m(d+h) = 2(d+h) + 3$

$= 2d + 2h + 5$

$$\frac{m(d+h) - m(d)}{h} = \frac{(2d+2h+5) - (2d+3)}{h}$$

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

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

$= 2$

$m(d) = 2d + 3$

$m(d+h) = 2(d+h) + 3$

$= 2d + 2h + 3$

$$\frac{m(d+h) - m(d)}{h} = \frac{(2d+2h+3) - (2d+3)}{h}$$

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

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

$= 2$

$m(d) = 2d + 3$

$m(d+h) = 2(d+h) + 3$

$= 2d + 2h + 1$

$$\frac{m(d+h) - m(d)}{h} = \frac{(2d+2h+7) - (2d+3)}{h}$$

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

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

$= 2$

Solution