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

$m(s) = 6s + 8$

$m(s) = 6s + 8$

$m(s+h) = 6(h + s) + 8$

$= 6h + 6s + 8$

$\frac{m(s+h) - m(s)}{h} = \frac{(6h+6s+8) - (6(s+1)+8)}{h}$

$= \frac{6h}{h}$

$= \frac{h(6)}{h}$

$= 6$

$m(s) = 6s + 8$

$m(s+h) = 6(h + s) + 8$

$= 6h + 6s + 14$

$\frac{m(s+h) - m(s)}{h} = \frac{(6h+6s+14) - (6s+8)}{h}$

$= \frac{6h}{h}$

$= \frac{h(6)}{h}$

$= 6$

$m(s) = 6s + 8$

$m(s+h) = 6(h + s) + 8$

$= 6h + 6s + 8$

$\frac{m(s+h) - m(s)}{h} = \frac{(6h+6s+8) - (6s+8)}{h}$

$= \frac{6h}{h}$

$= \frac{h(6)}{h}$

$= 6$

$m(s) = 6s + 8$

$m(s+h) = 6(h + s) + 8$

$= 6h + 6s + 2$

$\frac{m(s+h) - m(s)}{h} = \frac{(6h+6s+20) - (6s+8)}{h}$

$= \frac{6h}{h}$

$= \frac{h(6)}{h}$

$= 6$

## Solution