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

$e(f) = 2f + 8$

$e(f) = 2f + 8$

$e(f+h) = 2(f+h) + 8$

$= 2f + 2h + 8$

$\frac{e(f+h) - e(f)}{h} = \frac{(2f+2h+8) - (2(f+1)+8)}{h}$

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

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

$= 2$

$e(f) = 2f + 8$

$e(f+h) = 2(f+h) + 8$

$= 2f + 2h + 10$

$\frac{e(f+h) - e(f)}{h} = \frac{(2f+2h+10) - (2f+8)}{h}$

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

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

$= 2$

$e(f) = 2f + 8$

$e(f+h) = 2(f+h) + 8$

$= 2f + 2h + 8$

$\frac{e(f+h) - e(f)}{h} = \frac{(2f+2h+8) - (2f+8)}{h}$

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

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

$= 2$

$e(f) = 2f + 8$

$e(f+h) = 2(f+h) + 8$

$= 2f + 2h + 6$

$\frac{e(f+h) - e(f)}{h} = \frac{(2f+2h+12) - (2f+8)}{h}$

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

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

$= 2$

Solution