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

$v(a) = 8a + 6$

$v(a) = 8a + 6$

$v(a+h) = 8(a+h) + 6$

$= 8a + 8h + 6$

$$\frac{v(a+h) - v(a)}{h} = \frac{(8a+8h+6) - (8(a+1)+6)}{h}$$

$$= \frac{8h}{h}$$

$$= \frac{h(8)}{h}$$

$= 8$

$v(a) = 8a + 6$

$v(a+h) = 8(a+h) + 6$

$= 8a + 8h + 14$

$$\frac{v(a+h) - v(a)}{h} = \frac{(8a+8h+14) - (8a+6)}{h}$$

$$= \frac{8h}{h}$$

$$= \frac{h(8)}{h}$$

$= 8$

$v(a) = 8a + 6$

$v(a+h) = 8(a+h) + 6$

$= 8a + 8h + 6$

$$\frac{v(a+h) - v(a)}{h} = \frac{(8a+8h+6) - (8a+6)}{h}$$

$$= \frac{8h}{h}$$

$$= \frac{h(8)}{h}$$

$= 8$

$v(a) = 8a + 6$

$v(a+h) = 8(a+h) + 6$

$= 8a + 8h - 2$

$$\frac{v(a+h) - v(a)}{h} = \frac{(8a+8h+22) - (8a+6)}{h}$$

$$= \frac{8h}{h}$$

$$= \frac{h(8)}{h}$$

$= 8$

Solution