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

$j(m) = 9m + 8$

$j(m) = 9m + 8$

$j(m+h) = 9(h + m) + 8$

$= 9h + 9m + 8$

$$\frac{j(m+h) - j(m)}{h} = \frac{(9h + 9m + 8) - (9(m+1) + 8)}{h}$$

$$= \frac{9h}{h}$$

$$= \frac{h(9)}{h}$$

$$= 9$$

$j(m) = 9m + 8$

$j(m+h) = 9(h + m) + 8$

$= 9h + 9m + 17$

$$\frac{j(m+h) - j(m)}{h} = \frac{(9h + 9m + 17) - (9m + 8)}{h}$$

$$= \frac{9h}{h}$$

$$= \frac{h(9)}{h}$$

$$= 9$$

$j(m) = 9m + 8$

$j(m+h) = 9(h + m) + 8$

$= 9h + 9m + 8$

$$\frac{j(m+h) - j(m)}{h} = \frac{(9h + 9m + 8) - (9m + 8)}{h}$$

$$= \frac{9h}{h}$$

$$= \frac{h(9)}{h}$$

$$= 9$$

$j(m) = 9m + 8$

$j(m+h) = 9(h + m) + 8$

$= 9h + 9m - 1$

$$\frac{j(m+h) - j(m)}{h} = \frac{(9h + 9m + 26) - (9m + 8)}{h}$$

$$= \frac{9h}{h}$$

$$= \frac{h(9)}{h}$$

$$= 9$$

Solution