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

$d(j) = 6j + 1$

$d(j) = 6j + 1$

$d(j+h) = 6(h + j) + 1$

$= 6h + 6j + 1$

$$\frac{d(j+h) - d(j)}{h} = \frac{(6h+6j+1) - (6(j+1)+1)}{h}$$

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

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

$= 6$

$d(j) = 6j + 1$

$d(j+h) = 6(h + j) + 1$

$= 6h + 6j + 7$

$$\frac{d(j+h) - d(j)}{h} = \frac{(6h+6j+7) - (6j+1)}{h}$$

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

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

$= 6$

$d(j) = 6j + 1$

$d(j+h) = 6(h + j) + 1$

$= 6h + 6j + 1$

$$\frac{d(j+h) - d(j)}{h} = \frac{(6h+6j+1) - (6j+1)}{h}$$

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

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

$= 6$

$d(j) = 6j + 1$

$d(j+h) = 6(h + j) + 1$

$= 6h + 6j - 5$

$$\frac{d(j+h) - d(j)}{h} = \frac{(6h+6j+13) - (6j+1)}{h}$$

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

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

$= 6$

Solution