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

$v(z) = 7z + 6$

$v(z) = 7z + 6$

$v(z+h) = 7(h + z) + 6$

$= 7h + 7z + 6$

$\frac{v(z+h) - v(z)}{h} = \frac{(7h + 7z + 6) - (7(z+1) + 6)}{h}$

$= \frac{7h}{h}$

$= \frac{h(7)}{h}$

$= 7$

$v(z) = 7z + 6$

$v(z+h) = 7(h + z) + 6$

$= 7h + 7z + 13$

$\frac{v(z+h) - v(z)}{h} = \frac{(7h + 7z + 13) - (7z + 6)}{h}$

$= \frac{7h}{h}$

$= \frac{h(7)}{h}$

$= 7$

$v(z) = 7z + 6$

$v(z+h) = 7(h + z) + 6$

$= 7h + 7z + 6$

$\frac{v(z+h) - v(z)}{h} = \frac{(7h + 7z + 6) - (7z + 6)}{h}$

$= \frac{7h}{h}$

$= \frac{h(7)}{h}$

$= 7$

$v(z) = 7z + 6$

$v(z+h) = 7(h + z) + 6$

$= 7h + 7z - 1$

$\frac{v(z+h) - v(z)}{h} = \frac{(7h + 7z + 20) - (7z + 6)}{h}$

$= \frac{7h}{h}$

$= \frac{h(7)}{h}$

$= 7$

Solution