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

$c(z) = 5z + 9$

$c(z) = 5z + 9$

$c(z+h) = 5(h + z) + 9$

$= 5h + 5z + 9$

$\frac{c(z+h) - c(z)}{h} = \frac{(5h+5z+9) - (5(z+1)+9)}{h}$

$= \frac{5h}{h}$

$= \frac{h(5)}{h}$

$= 5$

$c(z) = 5z + 9$

$c(z+h) = 5(h + z) + 9$

$= 5h + 5z + 14$

$\frac{c(z+h) - c(z)}{h} = \frac{(5h+5z+14) - (5z+9)}{h}$

$= \frac{5h}{h}$

$= \frac{h(5)}{h}$

$= 5$

$c(z) = 5z + 9$

$c(z+h) = 5(h + z) + 9$

$= 5h + 5z + 9$

$\frac{c(z+h) - c(z)}{h} = \frac{(5h+5z+9) - (5z+9)}{h}$

$= \frac{5h}{h}$

$= \frac{h(5)}{h}$

$= 5$

$c(z) = 5z + 9$

$c(z+h) = 5(h + z) + 9$

$= 5h + 5z + 4$

$\frac{c(z+h) - c(z)}{h} = \frac{(5h+5z+19) - (5z+9)}{h}$

$= \frac{5h}{h}$

$= \frac{h(5)}{h}$

$= 5$

Solution