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

$z(s) = 7s + 6$

$z(s) = 7s + 6$

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

$= 7h + 7s + 6$

$\dfrac{z(s+h) - z(s)}{h} = \dfrac{(7h+7s+6) - (7(s+1)+6)}{h}$

$= \dfrac{7h}{h}$

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

$= 7$

$z(s) = 7s + 6$

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

$= 7h + 7s + 13$

$\dfrac{z(s+h) - z(s)}{h} = \dfrac{(7h+7s+13) - (7s+6)}{h}$

$= \dfrac{7h}{h}$

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

$= 7$

$z(s) = 7s + 6$

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

$= 7h + 7s + 6$

$\dfrac{z(s+h) - z(s)}{h} = \dfrac{(7h+7s+6) - (7s+6)}{h}$

$= \dfrac{7h}{h}$

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

$= 7$

$z(s) = 7s + 6$

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

$= 7h + 7s - 1$

$\dfrac{z(s+h) - z(s)}{h} = \dfrac{(7h+7s+20) - (7s+6)}{h}$

$= \dfrac{7h}{h}$

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

$= 7$

Solution