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

$k(v) = 6v + 6$

$k(v) = 6v + 6$

$k(v+h) = 6(h + v) + 6$

$= 6h + 6v + 6$

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

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

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

$= 6$

$k(v) = 6v + 6$

$k(v+h) = 6(h + v) + 6$

$= 6h + 6v + 12$

$\frac{k(v+h) - k(v)}{h} = \frac{(6h + 6v + 12) - (6v + 6)}{h}$

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

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

$= 6$

$k(v) = 6v + 6$

$k(v+h) = 6(h + v) + 6$

$= 6h + 6v + 6$

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

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

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

$= 6$

$k(v) = 6v + 6$

$k(v+h) = 6(h + v) + 6$

$= 6h + 6v$

$\frac{k(v+h) - k(v)}{h} = \frac{(6h + 6v + 18) - (6v + 6)}{h}$

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

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

$= 6$

## Solution