3. Which of the following are correct calculations for difference quotient of: $v\left(b\right)=b+4$

```
 \begin{array}{l} v\left(b\right) = b + 4 \\ v\left(b + h\right) = b + h + 4 \\ = b + h + 4 \\ \frac{v\left(b + h\right) - v\left(b\right)}{h} = \frac{(b + h + 4) - (b + 5)}{h} \\ = \frac{h}{h} \\ = \frac{h\left(1\right)}{h} \\ = 1 \\ \end{array}
```

$$\begin{array}{l} v \, (\, b + h \,) \, = b \, + \, h \, + \, 4 \\ = b \, + \, h \, + \, 5 \\ \frac{v \, (\, b + h \,) \, - v \, (\, b \,)}{h} \, = \, \frac{(\, b + h + 5 \,) \, - \, (\, b + 4 \,)}{h} \\ = \, \frac{h}{h} \\ = \, \frac{h \, (1)}{h} \\ = \, 1 \end{array}$$

```
 \begin{array}{c} v\left(b\right) = b + 4 \\ v\left(b + h\right) = b + h + 4 \\ = b + h + 4 \\ \frac{v\left(b + h\right) - v\left(b\right)}{h} = \frac{(b + h + 4) - (b + 4)}{h} \\ = \frac{h}{h} \\ = \frac{h\left(1\right)}{h} \\ = 1 \end{array}
```

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 \begin{array}{c} v\left(b\right) = b + 4 \\ v\left(b + h\right) = b + h + 4 \\ = b + h + 3 \\ \frac{v\left(b + h\right) - v\left(b\right)}{h} = \frac{(b + h + 6) - (b + 4)}{h} \\ = \frac{h}{h} \\ = \frac{h(1)}{h} \\ = 1 \end{array}
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Solution