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

$b(r) = 4r + 5$

$b(r) = 4r + 5$

$b(r+h) = 4(h + r) + 5$

$= 4h + 4r + 5$

$\frac{b(r+h) - b(r)}{h} = \frac{(4h+4r+5) - (4(r+1)+5)}{h}$

$= \frac{4h}{h}$

$= \frac{h(4)}{h}$

$= 4$

$b(r) = 4r + 5$

$b(r+h) = 4(h + r) + 5$

$= 4h + 4r + 9$

$\frac{b(r+h) - b(r)}{h} = \frac{(4h+4r+9) - (4r+5)}{h}$

$= \frac{4h}{h}$

$= \frac{h(4)}{h}$

$= 4$

$b(r) = 4r + 5$

$b(r+h) = 4(h + r) + 5$

$= 4h + 4r + 5$

$\frac{b(r+h) - b(r)}{h} = \frac{(4h+4r+5) - (4r+5)}{h}$

$= \frac{4h}{h}$

$= \frac{h(4)}{h}$

$= 4$

$b(r) = 4r + 5$

$b(r+h) = 4(h + r) + 5$

$= 4h + 4r + 1$

$\frac{b(r+h) - b(r)}{h} = \frac{(4h+4r+13) - (4r+5)}{h}$

$= \frac{4h}{h}$

$= \frac{h(4)}{h}$

$= 4$

Solution