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

$j(u) = 7u + 4$

$j(u) = 7u + 4$

$j(u+h) = 7(h+u) + 4$

$= 7h + 7u + 4$

$\frac{j(u+h) - j(u)}{h} = \frac{(7h+7u+4) - (7(u+1)+4)}{h}$

$= \frac{7h}{h}$

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

$= 7$

$j(u) = 7u + 4$

$j(u+h) = 7(h+u) + 4$

$= 7h + 7u + 11$

$\frac{j(u+h) - j(u)}{h} = \frac{(7h+7u+11) - (7u+4)}{h}$

$= \frac{7h}{h}$

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

$= 7$

$j(u) = 7u + 4$

$j(u+h) = 7(h+u) + 4$

$= 7h + 7u + 4$

$\frac{j(u+h) - j(u)}{h} = \frac{(7h+7u+4) - (7u+4)}{h}$

$= \frac{7h}{h}$

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

$= 7$

$j(u) = 7u + 4$

$j(u+h) = 7(h+u) + 4$

$= 7h + 7u - 3$

$\frac{j(u+h) - j(u)}{h} = \frac{(7h+7u+18) - (7u+4)}{h}$

$= \frac{7h}{h}$

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

$= 7$

Solution