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

$c(u) = 8u + 3$

$c(u) = 8u + 3$

$c(u+h) = 8(h + u) + 3$

$= 8h + 8u + 3$

$$\frac{c(u+h) - c(u)}{h} = \frac{(8h+8u+3) - (8(u+1)+3)}{h}$$

$$= \frac{8h}{h}$$

$$= \frac{h(8)}{h}$$

$= 8$

$c(u) = 8u + 3$

$c(u+h) = 8(h + u) + 3$

$= 8h + 8u + 11$

$$\frac{c(u+h) - c(u)}{h} = \frac{(8h+8u+11) - (8u+3)}{h}$$

$$= \frac{8h}{h}$$

$$= \frac{h(8)}{h}$$

$= 8$

$c(u) = 8u + 3$

$c(u+h) = 8(h + u) + 3$

$= 8h + 8u + 3$

$$\frac{c(u+h) - c(u)}{h} = \frac{(8h+8u+3) - (8u+3)}{h}$$

$$= \frac{8h}{h}$$

$$= \frac{h(8)}{h}$$

$= 8$

$c(u) = 8u + 3$

$c(u+h) = 8(h + u) + 3$

$= 8h + 8u - 5$

$$\frac{c(u+h) - c(u)}{h} = \frac{(8h+8u+19) - (8u+3)}{h}$$

$$= \frac{8h}{h}$$

$$= \frac{h(8)}{h}$$

$= 8$

Solution