5. Which of the following are correct calculations for difference quotient of:
$t(p) = 8p + 3$

$t(p) = 8p + 3$
$t(p+h) = 8(h + p) + 3$
$= 8h + 8p + 3$
$\frac{t(p+h) - t(p)}{h} = \frac{(8h+8p+3) - (8(p+1)+3)}{h}$
$= \frac{8h}{h}$
$= \frac{h(8)}{h}$
$= 8$

$t(p) = 8p + 3$
$t(p+h) = 8(h + p) + 3$
$= 8h + 8p + 11$
$\frac{t(p+h) - t(p)}{h} = \frac{(8h+8p+11) - (8p+3)}{h}$
$= \frac{8h}{h}$
$= \frac{h(8)}{h}$
$= 8$

$t(p) = 8p + 3$
$t(p+h) = 8(h + p) + 3$
$= 8h + 8p + 3$
$\frac{t(p+h) - t(p)}{h} = \frac{(8h+8p+3) - (8p+3)}{h}$
$= \frac{8h}{h}$
$= \frac{h(8)}{h}$
$= 8$

$t(p) = 8p + 3$
$t(p+h) = 8(h + p) + 3$
$= 8h + 8p - 5$
$\frac{t(p+h) - t(p)}{h} = \frac{(8h+8p+19) - (8p+3)}{h}$
$= \frac{8h}{h}$
$= \frac{h(8)}{h}$
$= 8$

Solution