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

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

$m(t) = 8t + 8$
$m(t+h) = 8(h + t) + 8$
$= 8h + 8t + 16$
$\frac{m(t+h) - m(t)}{h} = \frac{(8h + 8t + 16) - (8t + 8)}{h}$
$= \frac{8h}{h}$
$= \frac{h(8)}{h}$
$= 8$

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

$m(t) = 8t + 8$
$m(t+h) = 8(h + t) + 8$
$= 8h + 8t$
$\frac{m(t+h) - m(t)}{h} = \frac{(8h + 8t + 24) - (8t + 8)}{h}$
$= \frac{8h}{h}$
$= \frac{h(8)}{h}$
$= 8$

Solution