Mathematics 122 Quiz #3   Name:

The following problems refer to the function

$$F(t) = t^2 + 2t.$$

1. Compute $F(-3)$ $F(-3) = $ _____

2. Compute $F(-3 + h)$ $F(-3 + h) = $ _____

3. Compute $\dfrac{F(-3 + h) - F(-3)}{h}$ $\dfrac{F(-3 + h) - F(-3)}{h} = $ _____