Math Review Problems

1) (1)
$$\underset{i=1}{\text{VI}} (3x_{i}^{2} + 3i)$$
 $y^{2} + y$

b) $5 + 10 + 15 + 20 + ...$ y
 $\underset{i=1}{\text{Z}} 5n$
 $n = 1$

2) $f(x) = 3x_{3} + 2x$
 $f'(x) = 3e^{x} \sqrt{x} \sqrt{x} \sqrt{x}$
 $= e^{4x}$
 $=$

$$-(2x^{2}+3x+1)e^{-3x}$$

$$-(2x$$

