New, improved, now for a grade! (you can earn from 0-5pts here, but 4pts is 100%)

1.) Calculate, leave your answer in simplified form.

$$\frac{d}{dx} \frac{7}{x^2} \sqrt{3x}$$

2.) Calculate $\frac{d}{dx} (3x - 4)^{10}$

3.) Calculate $\frac{d}{dt} x^6 (8 - x^2)^{23}$