

Name: _____

1. [2 parts; 2.5 points each] Find the indicated integral.

(a) $\int \sqrt{3x+5} \, dx$

(b) $\int \frac{8x^3+2}{(x^4+x)^3} \, dx$

OVER $\rightarrow$

2. [2 parts; 2.5 points each] Evaluate the definite integral.

(a) $\int_0^{1/2} \frac{t}{2t+1} dt$

(b) $\int_e^{e^6} \frac{\sqrt{\ln(x)+3}}{x} dx$