Sample Quiz 01/29/09 **Name:** _____

1. Find the solution to the system: $\begin{cases} 3\,x + y = 1 \\ 2\,x - y = 4 \end{cases}$

2 Calculate $\displaystyle\int_0^{10} e^{2\,x+3}\,dx$.

3. Differentiate the function: $f\,(x) = \ln\,(2\,x - 3)$.

4. Match the term on the left with the description on the right.

matrix	a rule which returns unique values
function	a figure with 3 vertices
triangle	a rectangular array of numbers