SYSTEMS OF EQUATIONS   MATH 73

LAST NAME	FIRST NAME	DATE

1 (2 points). Solve the system: $\begin{cases} 5x + 6y = 32 \\ 4y - 3x = 34 \end{cases}$

2 (2 points). Solve the system: $\begin{cases} x^2 + y^2 = 16 \\ y = 4 - x \end{cases}$

3 (2 points). Solve the system: $\begin{cases} 7^{2x+4} = 7^{y-3} \\ y - x = 2 \end{cases}$

4. Solve the system: $\begin{cases} x = \sqrt{y+2} \\ \dfrac{1}{x} - 1 = y + 1 \end{cases}$