1. Solve $2x^2 + 3x - 5 = 0$.

2. Convert the fraction $\frac{3}{7}$ to a repeating decimal.

3. Convert the repeating decimal $1.\overline{37}$ to a fraction.

4. Find a solution to the system \[
\begin{align*}
    x + y &= 2 \\
    2x - y &= 5.
\end{align*}
\]
5. Solve the inequality \( x^2 - x > 6. \)

6. Solve the inequality \( \frac{1}{1 + x^2} < 15. \)

7. Evaluate the sum \( 1 + 2 + 3 + \cdots + 1000. \)

8. Suppose the graph of \( y = f(x) \) is given by

Sketch a graph of \( y = f(x - 2) - 1. \)