

Math 181 Quiz 1 Version A (practice quiz)

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 $\begin{cases} x + y = 2 \\ 2x - y = 5. \end{cases}$

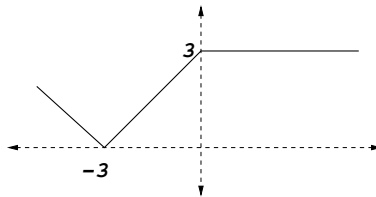
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5. Solve the inequality $x^2 - x > 6$.

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 $y = f(x - 2) - 1$.