Name:

1. Write as a single term. \[
\frac{2}{5} + \frac{7}{3}
\]

2. Factor \(y^2 - 3y - 10\).

3. Factor and solve \(4x^2 + 12x = -8\).

4. Factor and solve \(5x^2 + 4x - 1 = 0\).

5. Solve for \(x\). \[
\frac{3}{2x - 1} = 4
\]

6. Solve for \(a\). \[
\frac{1}{a + 1} + \frac{2}{a - 1} = -1
\]