Practice Worksheet

Topic Name

1 Practice Problems

1. Solve for x: $2x + 5 = 13$

2. Simplify: $(x^2 + 3x - 4)/(x - 1)$

3. Calculate: $\int_0^\pi \sin(x)dx$

4. Find the derivative of $f(x) = x^3 + 2x^2 - 5x + 1$

5. Solve the system:

$$2x + y = 5$$
$$x - y = 1$$