

Supplemental Problems - WIOD over 5.7, 5.8, 7.1 and 7.5

Name: _____

1.

$$\int \frac{x+1}{x^2+2x+3} dx$$

2.

$$\int \frac{x}{x^2+2x+3} dx$$

3.

$$\int \frac{x}{x^2+4x+3} dx$$

4.

$$\int x^2 \sin(2x) dx$$

5.

$$\int \ln(x) dx$$

6.

$$\int \frac{x}{(2x+1)^{4/5}} dx$$

7.

$$\int \frac{1}{x(x-2)^3} dx$$

8.

$$\int \frac{6x+4}{(x-1)(x^2+2x+2)} dx$$