1.

$$\int (2x - 3)^9 \, dx$$

2.

$$\int \frac{\sin(x)}{1 + \cos^2(x)}\, dx$$

3.

$$\int \frac{\sin(2x)}{1 + \cos^2(x)}\, dx$$

4.

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

5.

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

6.

$$\int \frac{x}{1 + x^4}\, dx$$

7. Describe the region between $y = 2x^2 - 6x$ and $y = 2x$ and find its area.

8. Describe the region between the x-axis, $y = x - 3$ and $y = x/4$ and find its area.

——————— The End ———————