Quiz 5

Compute the following indefinite integrals.

1. (2 points) \[ \int \frac{6x^2-2x}{2x^3-x^2+31} \, dx \]

2. (4 points) \[ \int \frac{x-4}{x(x-2)} \, dx \]

3. (4 points) \[ \int xe^x \, dx \]