Quiz 1

1. What are all the antiderivatives of the following function?

$$f(x) = 3x^2 + 5$$

2. Check that what you did is correct

3. What are all the antiderivatives of the following function?

$$f(x) = e^x + \sin(x)$$

4. Check that what you did is correct

5. What are all the antiderivatives of the following function?

$$f(x) = \frac{2}{x + 2}$$

6. Check that what you did is correct