Name: _____

Show all work to get full credit of this 10 point quiz. Please circle the section that you are in.
All calculators are allowed, except for phones. You may choose to do the 5 problems on the
front or the single problem on the back in order to get the full 10 points. Please indicate which
you would prefer to be graded by writing "front" or "back" on the top of the page.

1. (*2 points*) Solve the following indefinite integral.

$$\int 7dx$$

2. (*2 points*) Solve the following indefinite integral.

$$\int 14xdx$$

3. (*2 points*) Solve the following indefinite integral.

$$\int 15x^2dx$$

4. (*2 points*) Solve the following indefinite integral.

$$\int 8x^{1/3}dx$$

5. (*2 points*) Solve the following indefinite integral.

$$\int 5e^xdx$$

6. (*10 points*) Solve the following indefinite integral.

$$\int x e^{x^2}\, dx$$