

## Home Work - 7

Assigned on March 5<sup>th</sup>

Due on March 10<sup>th</sup>

$$\textcircled{1} \int \sqrt{7 - 4x^2} dx$$

$$\textcircled{2} \int \sqrt{7 + 4x^2} dx$$

$$\textcircled{3} \int \sqrt{4x^2 - 7} dx.$$

Use method of substitution.

Look at page 445 if you do not have a clue.

$$\textcircled{4} \int \sqrt{3x^2 + 6x + 8} \, dx.$$

Use technique on page 446.

$$\textcircled{5} \int \sqrt{3x^2 + 6x - 2} \, dx$$

$$\textcircled{6} \int \frac{1}{3x^2 + 6x + 8} \, dx.$$