

Maple Project #2@
+5 points (-10 if not completed)

Due Wednesday, June 5th (up to Friday, June 7th)

Name: _____

Last name: A – L

Find the following:

1) $\int \sqrt{7+x^2} dx$

2) $\int \frac{x^2}{\sqrt{16+x^2}} dx$

3) $\int \frac{x^2}{\sqrt{10-x^2}} dx$

4) $\int (9-x^2)^{\frac{3}{2}} dx$

5) $\int x^2 \sqrt{x^2-25} dx$

Last name: M - Z

Find the following:

1) $\int x^2 \sqrt{x^2+25} dx$

2) $\int \frac{dx}{x\sqrt{16+x^2}}$

3) $\int \frac{\sqrt{12-x^2}}{x^2} dx$

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

5) $\int \frac{x^2}{\sqrt{x^2-16}} dx$