

Math 31 – Workshop #10

Compute the following integrals.

1. $\int x^5 \cos(x^2) dx$

2. $\int x^3 \sqrt{5-x^2} dx$

3. $\int \cos^2 x \sin(2x) dx$

4. $\int \tan^2 x dx$

5. $\int x \sec x \tan x dx$

6. $\int x \sin^2 x dx$