Quiz 1 for the 11am class is on Thursday Sept 14 and covers §7.1.

Next 7th Ed

7.3 Page 483 9, 13, 15, 17, 19, 31
7.4 Page 492 1, 3, 9, 15, 19, 21, 29, 31

Next 8th Ed

7.3 Page 491 9, 13, 15, 17, 19, 31
7.4 Page 501 1, 3, 9, 15, 19, 21, 29, 31

Practice

1) \( \int \frac{\sin^2 x}{\cos^3 x} \, dx \)
2) \( \int \tan x \sec^3 x \, dx \)
3) \( \int \tan x \sec^4 x \, dx \)

Things To Come

1) \( \int \sqrt{1 + x^2} \, dx \)
2) \( \int \sqrt{1 - x^2} \, dx \)
3) \( \int \sqrt{x^2 - 1} \, dx \)
4) \( \int \frac{1}{\sqrt{1 + x^2}} \, dx \)
5) \( \int x^2 \sqrt{1 - x^2} \, dx \)
6) \( \int \frac{1}{(1 - x^2)^{\frac{3}{2}}} \, dx \)
7) \( \int \frac{x^2}{\sqrt{x^2 - 1}} \, dx \)