Numbers: 1, 5, 10, 13, 17, 22, 27, 36, 38, 40, 43, 47

Chapter 4.8

1: $f(x) = \frac{1}{2} + \frac{3}{4}x^2 - \frac{4}{5}x^3$

$\int(\frac{1}{2} + \frac{3}{4}x^2 - \frac{4}{5}x^3)dx = \frac{x}{2} + \frac{3x^3}{2} - \frac{x^4}{5} + c$

(5:) $f(x) = 5x^{\frac{1}{4}} - 7x^{\frac{3}{4}}$