

HW §5.4 Numbers 8-18 even;24,28,34,44,58-66 even

8. $\frac{1}{30}(x^3 + 5)^{10} + C$

10. $-\frac{1}{7}(2 - x)^7 + C$

12. $\frac{-1}{2(x^2+1)} + C$

14. $\frac{1}{2} \ln |x^2 + 1| + C$

16. $\frac{-1}{130(5t+4)^{26}} + C$

18. $\frac{1}{12}(2y^4 - 1)^{3/2} + C$

24. $\frac{-2}{3} \cos(1 + x^{3/2}) + C$

28. $e^{\cos t} + C$

34. $\frac{1}{\pi} \sin(\pi/x)$

44. $2\sqrt{1-x} - \frac{4}{3}(1-x)^{3/2} + \frac{2}{5}(1-x)^{5/2} + C$

58. $\frac{-1}{2}e^{-1} + 1$

60. 0

62. $-\cos(1) + 1$

64. $\frac{10}{3}$

66. $(\sin^{-1} x)^2 + C$