

1. $F(x) = x^2 + C$
2. $F(x) = 8x^2/2 + C = 4x^2 + C$
3. $F(x) = 3x^3/3 + C = x^3 + C$
4. $F(x) = 121x^3 + C = \frac{121}{3}x^3 + C$
5. $F(x) = 5x^2/2 + 9x^3/3 + C = \frac{5}{2}x^2 + 3x^3 + C$
6. $F(x) = 4x + 3x^2/2 + 14x^3/3 + C = 4x + \frac{3}{2}x^2 + \frac{14}{3}x^3 + C$
7. $F(x) = 5x - 3x^2/2 - 9x^8/8 + C = 5x - \frac{3}{2}x^2 - \frac{9}{8}x^8 + C$
8. $f(x) = 5x^7 + x^3$
9. $f(x) = x^{11/7}$
10. $f(x) = x^{2/7}$
11. $f(x) = \sqrt{x}$
12. $f(x) = x^{-5}$
13. $f(x) = x^{-3/2}$
14. $f(x) = 7x^{-5}$
15. $f(x) = x^{-1/2}$
16. $f(x) = x - 3$
17. $f(x) = 6x^5 + x^4 + 2x$
18. $f(x) = x^{1/3}$
19. $f(x) = 3\sqrt{x}$
20. $f(x) = \frac{5}{\sqrt{x}}$
21. $F(x) = x^3/3 + \frac{2}{3}\sqrt{x^3} + C$
22. $f(x) = 2x^5 + 3x^{-3}$
23. $f(x) = \frac{1}{2}\sqrt{x} - 3x^2$