



Basic Integration Worksheet

1. $\int_5^6 (9x^3 + 6x^2 + 4x^1 + 4) dx$

2. $\int_0^1 (7x^2 + 9x^1 + 6) dx$

3. $\int_1^{11} (6x^3 + 6x^2 + 7x^1 + 5) dx$

4. $\int_4^{14} (9x^1 + 7) dx$

5. $\int_4^9 (1x^3 + 5x^2 + 6x^1 + 6) dx$

6. $\int_4^9 (6x^1 + 1) dx$

7. $\int_1^2 (5x^1 + 5) dx$

8. $\int_0^{10} (2x^3 + 4x^2 + 3x^1 + 9) dx$

9. $\int_4^{12} (6x^3 + 4x^2 + 6x^1 + 5) dx$

10. $\int_0^3 (3x^3 + 6x^2 + 3x^1 + 2) dx$

11. $\int_2^9 (8x^3 + 1x^2 + 5x^1 + 10) dx$

12. $\int_3^5 (1x^3 + 9x^2 + 1x^1 + 7) dx$

13. $\int_2^{12} (4x^1 + 3) dx$

14. $\int_1^3 (5x^2 + 4x^1 + 5) dx$

15. $\int_5^{13} (3x^1 + 7) dx$

16. $\int_5^{11} (9x^2 + 5x^1 + 6) dx$

17. $\int_2^9 (10x^2 + 2x^1 + 9) dx$

18. $\int_3^7 (7x^2 + 8x^1 + 10) dx$

19. $\int_5^{10} (10x^1 + 2) dx$

20. $\int_5^{14} (10x^1 + 5) dx$

21. $\int_3^{11} (9x^1 + 5) dx$

22. $\int_5^{13} (2x^2 + 6x^1 + 6) dx$

23. $\int_3^5 (5x^2 + 5x^1 + 9) dx$

24. $\int_0^1 (10x^2 + 7x^1 + 3) dx$



Basic Integration Worksheet

25. $\int_2^{10} (5x^1 + 9) dx$

37. $\int_0^4 (1x^1 + 10) dx$

26. $\int_0^2 (3x^2 + 7x^1 + 9) dx$

38. $\int_1^{11} (8x^1 + 6) dx$

27. $\int_0^2 (8x^3 + 1x^2 + 1x^1 + 8) dx$

39. $\int_5^{14} (3x^3 + 3x^2 + 6x^1 + 9) dx$

28. $\int_1^8 (5x^2 + 5x^1 + 5) dx$

40. $\int_1^6 (6x^1 + 9) dx$

29. $\int_0^9 (5x^2 + 8x^1 + 8) dx$

41. $\int_1^8 (1x^2 + 8x^1 + 4) dx$

30. $\int_5^8 (7x^3 + 3x^2 + 1x^1 + 1) dx$

42. $\int_4^{11} (1x^3 + 7x^2 + 3x^1 + 9) dx$

31. $\int_3^6 (7x^1 + 2) dx$

43. $\int_4^6 (2x^1 + 7) dx$

32. $\int_2^6 (4x^2 + 8x^1 + 7) dx$

44. $\int_3^{13} (3x^3 + 1x^2 + 3x^1 + 3) dx$

33. $\int_4^5 (2x^1 + 2) dx$

45. $\int_0^{10} (5x^3 + 2x^2 + 7x^1 + 5) dx$

34. $\int_2^{11} (1x^2 + 9x^1 + 6) dx$

46. $\int_1^3 (3x^3 + 9x^2 + 9x^1 + 3) dx$

35. $\int_5^7 (4x^2 + 2x^1 + 7) dx$

47. $\int_0^2 (7x^2 + 3x^1 + 2) dx$

36. $\int_3^4 (9x^1 + 3) dx$

48.
Page 2/6

$\int_5^6 (10x^3 + 8x^2 + 6x^1 + 5) dx$



Basic Integration Worksheet

49. $\int_5^{11} (2x^2 + 9x^1 + 10) dx$

50. $\int_5^{12} (9x^3 + 9x^2 + 1x^1 + 9) dx$



Basic Integration Worksheet

Answer Key

1.	1717.75	13.	310
2.	12.833	14.	69.333
3.	25090	15.	272
4.	880	16.	3894
5.	2909.583	17.	2543.333
6.	200	18.	937.333
7.	12.5	19.	385
8.	6573.333	20.	900
9.	33362.667	21.	544
10.	134.25	22.	1861.333
11.	13592.833	23.	221.333
12.	452	24.	9.833



Basic Integration Worksheet

25.	312	37.	48
26.	40	38.	540
27.	52.667	39.	31556.25
28.	1044.167	40.	150
29.	1611	41.	450.333
30.	6483.75	42.	6773.083
31.	100.5	43.	34
32.	433.333	44.	22353.333
33.	11	45.	13566.667
34.	1021.5	46.	180
35.	328.667	47.	28.667
36.	34.5	48.	1958.167



Basic Integration Worksheet

49.

1296

50.

50181.25