

1.

$$\int -3y^2 dy$$

Solution:
 $-1y^3 + c$

5.

$$\int 20u^{11} du$$

Solution:
 $\frac{5}{3}u^{12} + c$

2.

$$\int 11y^{-5} dy$$

Solution:
 $-\frac{11}{4}y^{-4} + c$

6.

$$\int 20z^{-5} dz$$

Solution:
 $-5z^{-4} + c$

3.

$$\int 2x^{10} dx$$

Solution:
 $\frac{2}{11}x^{11} + c$

7.

$$\int 7z^{11} dz$$

Solution:
 $\frac{7}{12}z^{12} + c$

4.

$$\int 7y^{-5} dy$$

Solution:
 $-\frac{7}{4}y^{-4} + c$

8.

$$\int 4z^{10} dz$$

Solution:
 $\frac{4}{11}z^{11} + c$

9.

$$\int 20x^{10} dx$$

Solution:

$$\frac{20}{11}x^{11} + c$$

14.

$$\int 4x^2 dx$$

10.

$$\int 4y^{-2} dy$$

Solution:

$$\frac{4}{3}x^3 + c$$

Solution:

$$-4y^{-1} + c$$

15.

$$\int 2x^{13} dx$$

11.

$$\int 2y^{10} dy$$

Solution:

$$\frac{1}{7}x^{14} + c$$

Solution:

$$\frac{2}{11}y^{11} + c$$

16.

$$\int 11u^{10} du$$

12.

$$\int 20x^{-2} dx$$

Solution:

$$1u^{11} + c$$

Solution:

$$-20x^{-1} + c$$

17.

$$\int 20x^{-5} dx$$

13.

$$\int 7u^{13} du$$

Solution:

$$-5x^{-4} + c$$

Solution:

$$\frac{1}{2}u^{14} + c$$

18.

$$\int 4y^{-2} dy$$

Solution:

$$-4y^{-1} + c$$

23.

$$\int 2 \csc(x) \cot(x) dx$$

19.

$$\int 4w^{11} dw$$

Solution:

$$-2 \csc(x) + c$$

Solution:

$$\frac{1}{3}w^{12} + c$$

24.

$$\int dw$$

20.

$$\int 11z^{-5} dz$$

Solution:

$$w + c$$

Solution:

$$-\frac{11}{4}z^{-4} + c$$

25.

$$\int \frac{11}{1+V^2} dV$$

21.

$$\int 2 \sec^2(u) du$$

Solution:

$$11 \arctan(V) + c$$

Solution:

$$2 \tan(u) + c$$

26.

$$\int 11 \sec(y) \tan(y) dy$$

22.

$$\int 2 \sin(u) du$$

Solution:

$$11 \sec(y) + c$$

Solution:

$$-2 \cos(u) + c$$

27.

$$\int 11 \csc^2(y) dy$$

Solution:

$$-11 \cot(y) + c$$

32.

$$\int -3 \sec^2(w) dw$$

28.

$$\int 2 \sin(x) dx$$

Solution:

$$-3 \tan(w) + c$$

Solution:

$$-2 \cos(x) + c$$

33.

$$\int -3 \csc(u) \cot(u) du$$

29.

$$\int 20 \csc(z) \cot(z) dz$$

Solution:

$$3 \csc(u) + c$$

Solution:

$$-20 \csc(z) + c$$

34.

$$\int 7e^z dz$$

30.

$$\int dz$$

Solution:

$$7e^z + c$$

Solution:

$$z + c$$

35.

$$\int dw$$

31.

$$\int -3 \sec^2(w) dw$$

Solution:

$$w + c$$

Solution:

$$-3 \tan(w) + c$$

36.

$$\int 20 dV$$

Solution:

$$20V + c$$

37.

$$\int 4 \sec^2(z) dz$$

Solution:

$$4 \tan(z) + c$$

42.

$$\int 11 \sec(V) \tan(V) dV$$

38.

$$\int \frac{-3}{x} dx$$

Solution:

$$11 \sec(V) + c$$

Solution:

$$-3 \ln(x) + c$$

43.

$$\int \frac{2}{w} dw$$

39.

$$\int 11 du$$

Solution:

$$2 \ln(w) + c$$

Solution:

$$11u + c$$

44.

$$\int 20 \sin(x) dx$$

40.

$$\int \frac{20}{1+y^2} dy$$

Solution:

$$-20 \cos(x) + c$$

Solution:

$$20 \arctan(y) + c$$

45.

$$\int dx$$

41.

$$\int \frac{2}{1+z^2} dz$$

Solution:

$$x + c$$

Solution:

$$2 \arctan(z) + c$$

46.

$$\int -3 dV$$

Solution:

$$-3V + c$$

47.

$$\int dw$$

Solution:

$$w + c$$

52.

$$\int 4 \csc(u) \cot(u) du$$

48.

$$\int 2 \csc^2(V) dV$$

Solution:

$$-4 \csc(u) + c$$

Solution:

$$-2 \cot(V) + c$$

53.

$$\int -3 \sec^2(x) dx$$

49.

$$\int 11 \sec^2(V) dV$$

Solution:

$$-3 \tan(x) + c$$

Solution:

$$11 \tan(V) + c$$

54.

$$\int 11 \sec^2(x) dx$$

50.

$$\int 20 \sin(u) du$$

Solution:

$$11 \tan(x) + c$$

Solution:

$$-20 \cos(u) + c$$

55.

$$\int 20 \cos(u) du$$

51.

$$\int -3 \csc(V) \cot(V) dV$$

Solution:

$$20 \sin(u) + c$$

Solution:

$$3 \csc(V) + c$$

56.

$$\int -3 \cos(V) dV$$

Solution:

$$-3 \sin(V) + c$$



57.

$$\int dx$$

Solution:

$$x + c$$

62.

$$\int 20dy$$

58.

$$\int -3dx$$

Solution:

$$20y + c$$

Solution:

$$-3x + c$$

63.

$$\int 7e^z dz$$

59.

$$\int 20 \sin(V) dV$$

Solution:

$$7e^z + c$$

Solution:

$$-20 \cos(V) + c$$

64.

$$\int 2 \sec^2(y) dy$$

60.

$$\int 7dV$$

Solution:

$$2 \tan(y) + c$$

Solution:

$$7V + c$$

65.

$$\int 2 \sin(z) dz$$

61.

$$\int 11 \sin(V) dV$$

Solution:

$$-2 \cos(z) + c$$

Solution:

$$-11 \cos(V) + c$$

66.

$$\int 7 \csc(z) \cot(z) dz$$

Solution:

$$-7 \csc(z) + c$$

67.

$$\int 7 \cos(x) dx$$

Solution:

$$7 \sin(x) + c$$

68.

$$\int 4 \sin(y) dy$$

Solution:

$$-4 \cos(y) + c$$

69.

$$\int 11e^y dy$$

Solution:

$$11e^y + c$$

70.

$$\int 7 \sec(w) \tan(w) dw$$

Solution:

$$7 \sec(w) + c$$