Basic Integration Worksheet

1.

$$\int_4^5 (6x^3 + 3x^2 + 2x^1 + 7)\,dx$$

2.

$$\int_3^{13} (10x^2 + 7x^1 + 10)\,dx$$

3.

$$\int_1^8 (8x^1 + 2)\,dx$$

4.

$$\int_2^5 (8x^1 + 9)\,dx$$

5.

$$\int_0^6 (9x^2 + 2x^1 + 3)\,dx$$

6.

$$\int_4^7 (5x^2 + 2x^1 + 10)\,dx$$

7.

$$\int_1^7 (6x^1 + 6)\,dx$$

8.

$$\int_2^8 (1x^2 + 2x^1 + 3)\,dx$$

9.

$$\int_5^8 (7x^1 + 4)\,dx$$

10.

$$\int_2^5 (9x^1 + 10)\,dx$$

Basic Integration Worksheet
Answer Key

1.
     630.5

2.
     7893.333

3.
     266

4.
     111

5.
     702

6.
     528

7.
     180

8.
     246

9.
     148.5

10.
     124.5