1. **(1 pt) Library/UCSB/Stewart5_5_5/Stewart5_5_5_1.pg**

Evaluate the following integral by making the given substitution:

$$\int \cos(-8x)\,dx, \quad u = -8x$$

Note: Any arbitrary constants used must be an upper-case "C".

Answer(s) submitted:

•

(incorrect)

2. **(1 pt) Library/UCSB/Stewart5_5_5/Stewart5_5_5_2.pg**

Evaluate the following integral by making the given substitution:

$$\int x(5+x^2)^{10}\,dx, \quad u = 5+x^2$$

Note: Any arbitrary constants used must be an upper-case "C".

Answer(s) submitted:

•

(incorrect)

3. **(1 pt) Library/UCSB/Stewart5_5_5/Stewart5_5_5_4.pg**

Evaluate the following integral by making the given substitution:

$$\int \frac{2\sin(\sqrt{x})}{\sqrt{x}}\,dx, \quad u = \sqrt{x}$$

Note: Any arbitrary constants used must be an upper-case "C".

Answer(s) submitted:

•

(incorrect)

4. **(1 pt) Library/UCSB/Stewart5_5_5/Stewart5_5_5_12.pg**

Evaluate the indefinite integral

$$\int \frac{1x}{(x^2+1)^2}\,dx$$

Note: Any arbitrary constants used must be an upper-case "C".

Answer(s) submitted:

•

(incorrect)

5. **(1 pt) Library/UCSB/Stewart5_5_5/Stewart5_5_5_18.pg**

Evaluate the indefinite integral

$$\int -1y^3\sqrt{2y^4-1}\,dy$$

Note: Any arbitrary constants used must be an upper-case "C".

Answer(s) submitted:

•

(incorrect)

6. **(1 pt) Library/UCSB/Stewart5_5_5/Stewart5_5_5_19.pg**

Evaluate the indefinite integral

$$\int 1\sin(\pi t)\,dt$$

Note: Any arbitrary constants used must be an upper-case "C".

Answer(s) submitted:

•

(incorrect)

7. **(1 pt) Library/UCSB/Stewart5_5_5/Stewart5_5_5_20.pg**

Evaluate the indefinite integral

$$\int -3\sec(2x)\tan(2x)\,dx$$

Note: Any arbitrary constants used must be an upper-case "C".

Answer(s) submitted:

•

(incorrect)

8. **(1 pt) Library/UCSB/Stewart5_5_5/Stewart5_5_5_25.pg**

Evaluate the indefinite integral

$$\int -6\cos(x)\sin^6(x)\,dx$$

Note: Any arbitrary constants used must be an upper-case "C".

Answer(s) submitted:

•

(incorrect)

9. **(1 pt) Library/UCSB/Stewart5_5_5/Stewart5_5_5_26.pg**

Evaluate the indefinite integral

$$\int -4(1+\tan(t))^5 \sec^2(t)\,dt$$

Note: Any arbitrary constants used must be an upper-case "C".

Answer(s) submitted:

•

(incorrect)

10. **(1 pt) Library/UCSB/Stewart5_5_5/Stewart5_5_5_40.pg**

Evaluate the indefinite integral

$$\int -9\sin(t)\sec^2(\cos(t))\,dt$$

Note: Any arbitrary constants used must be an upper-case "C".

Answer(s) submitted:

•

(incorrect)

11. **(1 pt) Library/UCSB/Stewart5_5_5/Stewart5_5_5_50.pg**

Evaluate the definite integral (if it exists)

$$\int_0^7 \sqrt{4+3x}\,dx$$

If the integral does not exist, type "DNE".

Answer(s) submitted:

•

(incorrect)

12. **(1 pt) Library/UCSB/Stewart5_5_5/Stewart5_5_5_52.pg**

Evaluate the definite integral (if it exists)

$$\int_0^{\sqrt{\pi}} -9x\cos(x^2)\,dx$$

If the integral does not exist, type "DNE".

Answer(s) submitted:

•

(incorrect)

13. **(1 pt) Library/UCSB/Stewart5_5_5/Stewart5_5_5_54.pg**

Evaluate the definite integral (if it exists)

$$\int_{1/6}^{1/2} 4\csc(\pi t)\cot(\pi t)\,dt$$

If the integral does not exist, type "DNE".

Answer(s) submitted:

•

(incorrect)

14. **(1 pt) Library/UCSB/Stewart5_5_5/Stewart5_5_5_62.pg**

Evaluate the definite integral (if it exists)

$$\int_0^{\pi/2} 10\cos(x)\sin(\sin(x))\,dx$$

If the integral does not exist, type "DNE".

Answer(s) submitted:

•

(incorrect)