1. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^3-3t+1$, $y=t^2-1$ from $t=1$ to $t=2$?
A. 1/3 B. 4/3 C. 5/3 D. 2
2. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^2$, $y=t^3$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
3. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t$, $y=t^2$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
4. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^2-1$, $y=t^3-3t+1$ from $t=1$ to $t=2$?
A. 1/3 B. 4/3 C. 5/3 D. 2
5. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^3$, $y=t^4$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
6. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^4$, $y=t^5$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
7. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^5$, $y=t^6$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
8. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^6$, $y=t^7$ from $t=0$ to $t=1$?

A. 1/3 B. 4/3 C. 5/3 D. 2
9. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^7$, $y=t^8$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
10. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^8$, $y=t^9$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
11. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^9$, $y=t^10$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
12. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^10$, $y=t^11$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
13. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^11$, $y=t^12$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
14. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^12$, $y=t^13$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
15. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^13$, $y=t^14$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3

C. 5/3 D. 2	
16. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^14$, $y=t^15$ from $t=0$ to $t=1$?	
A. 1/3 B. 4/3 C. 5/3 D. 2	
17. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^15$, $y=t^16$ from $t=0$ to $t=1$?	
A. 1/3 B. 4/3 C. 5/3 D. 2	
18. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^16$, $y=t^17$ from $t=0$ to $t=1$?	
A. 1/3 B. 4/3 C. 5/3 D. 2	
19. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^17$, $y=t^18$ from $t=0$ to $t=1$?	
A. 1/3 B. 4/3 C. 5/3 D. 2	
20. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^18$, $y=t^19$ from $t=0$ to $t=1$?	
A. 1/3 B. 4/3 C. 5/3 D. 2	
21. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^19$, $y=t^20$ from $t=0$ to $t=1$?	
A. 1/3 B. 4/3 C. 5/3 D. 2	
22. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^20$, $y=t^21$ from $t=0$ to $t=1$?	
A. 1/3 B. 4/3 C. 5/3 D. 2	

23. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^21$, $y=t^22$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
24. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^22$, $y=t^23$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
25. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^23$, $y=t^24$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
26. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^24$, $y=t^25$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
27. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^25$, $y=t^26$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
28. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^26$, $y=t^27$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
29. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^27$, $y=t^28$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
30. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^28$, $y=t^29$ from $t=0$ to $t=1$?

A. 1/3 B. 4/3 C. 5/3 D. 2
31. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^29$, $y=t^30$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
32. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^30$, $y=t^31$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
33. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^31$, $y=t^32$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
34. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^32$, $y=t^33$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
35. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^33$, $y=t^34$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
36. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^34$, $y=t^35$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
37. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^35$, $y=t^36$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3

C. 5/3 D. 2
38. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^36$, $y=t^37$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
39. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^37$, $y=t^38$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
40. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^38$, $y=t^39$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
41. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^39$, $y=t^40$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
42. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^40$, $y=t^41$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
43. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^41$, $y=t^42$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
44. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^42$, $y=t^43$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2

45. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^43$, $y=t^44$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
46. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^44$, $y=t^45$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
47. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^45$, $y=t^46$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
48. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^46$, $y=t^47$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
49. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^47$, $y=t^48$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
50. What is the integral of the function $f(x,y)$ over the curve C given by the parametric equations $x=t^48$, $y=t^49$ from $t=0$ to $t=1$?
A. 1/3 B. 4/3 C. 5/3 D. 2
Answer Key:
1. C 2. A 3. D 4. B 5. C 6. D 7. B 8. C

9. D 10. B 11. C

12. D

13. B 14. C 15. D

16. B

16. B 17. C 18. D 19. B 20. C 21. D 22. B 23. C 24. D

25. B

26. C 27. D 28. B 29. C

30. D 31. B 32. C 33. D

34. B 35. C 36. D

37. B 38. C 39. D 40. B

41. C

42. D

43. B 44. C

45. D

46. B 47. C 48. D 49. B

50. C