الاستاذ عدي خريسات
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ورقة عمل

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1. $F(x) = (7x - 5)^{-4}$

2. $F(x) = \left(\frac{3}{4}x^4 - 5x^2\right)^{\frac{3}{7}}$

3. $F(x) = \sqrt{X^3 - 5X} + 7(9x + 1)^5$

4. $F(x) = \left(\sqrt{X^3 - 2} + 5\right)^2$

5. $F(x) = \frac{7}{X^{-3}} + 3X^3 + 9X^2$

6. $F(x) = \sqrt[5]{X^6}$

7. $F(x) = \frac{5}{\sqrt[3]{2X-8}}$

8. $F(x) = \sqrt{(3x^2 - 5)^3} + (3 - 2x^3)^4$

9. F(x)= $\sqrt[3]{2x+(x^2+x)^4}$

10. F(x) =$(x^2+4)^5(7x^4-5x)$

11. F(x) = $\sqrt{x^3-5}\ \ (7x+8)$

12. F(x)=$x^3(2-4x)^{-4}$

13. F(x)=$\left(x^2+\frac{3}{x}\right)\ (x^3-5x)$

14. F(x) =$\frac{x^5+7x^{-2}}{3x+1}$

15. F(x)=$\frac{3}{(x^3-5)^2}$

16. F(x)= $3x^{-7}(X^5-2x)$

17. F(x) = $\frac{x^3}{2-5x}$

18. F(x) = $\frac{6X^2}{\sqrt{6x-2}}$

19. $F(x) = \frac{3}{X^3} + \frac{2x^3}{5} + 7$

20. $F(x) = e^{-5x^2} + 3e^{7x} - e^5$

21. $F(x) = x^3 - 5e^{3x} + \frac{7}{x^2}$

22. $F(x) = (x^3 - 5x)e^{2x}$

23. $F(x) = \frac{3e^{x^2}}{x^3-5}$

24. $F(x) = 6x - 9 + 8e^{3x}$

25. $F(x) = 3\ln 3x + e^{9x^2}$

26. $F(x) = \frac{\ln x}{x^3}$

27. $F(x) = x^3 \ln 2x$

28. $F(x) = \ln\sqrt{x^3 - 2x}$

29. $F(x) = (\ln 3x^2)^4$

30. $F(x) = \ln \frac{x^3}{2x-5}$

31. $F(x) = \ln 3 - e^{2x}$

32. $F(x) = e^{4x} \ln 5x^2$

33. $F(x) = 3 \sin 6x^2 + \cos 5x$

34. $F(x) = \cos 7x - \sin 3x$

35. $F(x) = \sin^3(2x^2 - 5)$

36. $F(x) = (\cos 6x - \sin x^3)^5$

37. $F(x) = \sqrt{\cos 3x} + e^{3x}$

38. $F(x) = \sin \sqrt[3]{X^5}$

39. $F(x) = (8x^3 - 6x) \cos 4x^2$

40. $F(x) = (\ln 3x)^5 \sin 7x^3$

41. $F(x) = (\sin(5x^2 - 21))^7$

42. $F(x) = \frac{\ln x^3}{\cos x}$

43. $F(x) = \frac{3e^{6x}}{\sin 3x}$

44. $F(x) = \left(e^{7x^3}\right)(\sin 6x)^3$

45. $F(x) = \sin(5x) \ \ln(\cos x)$

46. $F(x) = \ln \frac{3}{x^2 - 5}$

47. $F(x) = \frac{\sqrt{\sin 5x}}{X^3}$