

Oblicz całkę:

1. $\int x^5 dx,$

2. $\int (-9) dx,$

3. $\int (3x^2 - 7) dx,$

4. $\int \sqrt[3]{x^2} dx,$

5. $\int \frac{1}{2}(2 - 5x) dx,$

6. $\int \frac{4}{\sqrt[4]{x^5}} dx$

7. $\int (4x^2 + x - 3) dx,$

8. $\int (-3) dx,$

9. $\int (2x^8 - 7x^5 + x^3 - 1) dx,$

10. $\int (-4x^8 - 2x^4 + 3x - 1) dx,$

11. $\int (x^3 - 1)^2 dx,$

12. $\int \frac{1}{x} dx,$

13. $\int (px^{-3} + wx^2 + y) dx,$

14. $\int (ax^2 + bx - c) dx$

15. $\int \frac{ax^2 - c}{d} dx$

16. $\int (x^2 + 2)^2 dx,$

17. $\int \frac{5}{x} dx,$

$$18. \int \left(3x^2 + 2\sqrt{x} - \frac{3}{\sqrt[3]{x^4}} \right) dx,$$

$$19. \int (kx^3 + nx^2) dx,$$

$$20. \int \frac{x^3 - x\sqrt{x} + 1 - x^{-1}}{x} dx,$$

$$21. \int \frac{4x^2 + 3x - 2}{\sqrt{x}} dx,$$

$$22. \int \frac{a}{b+c} x dx$$

$$23. \int 2 \left(x + \frac{1}{x^2} \right) dx,$$

$$24. \int (1 + \operatorname{tg}^2 x) dx,$$

$$25. \int (1 + \operatorname{ctg}^2 x) dx,$$

$$26. \int (\cos x - \sin x) dx,$$

$$27. \int e^x dx,$$

$$28. \int (-3 \cdot e^x) dx$$

$$29. \int 5^x dx,$$

$$30. \int 7^x dx,$$

$$31. \int \left(\frac{1}{2} \right)^x dx,$$

$$32. \int (d + g \cdot p)^x dx,$$

$$33. \int e^{2x} dx,$$

$$34. \int e^\pi dx,$$

$$35. \int \pi^x dx,$$

$$36. \int \log_2 5 dx,$$

$$37. \int \frac{1}{1+x^2} dx,$$

$$38. \int \frac{3}{1+x^2} dx,$$

$$39. \int \frac{x^2-1}{x^2+1} dx,$$

$$40. \int \frac{x^2-2}{x^2+1} dx,$$

$$41. \int \frac{1}{1+9x^2} dx,$$

$$42. \int \frac{1}{9+x^2} dx,$$

$$43. \int \frac{1}{2+x^2} dx,$$

$$44. \int \frac{2}{8+x^2} dx,$$

$$45. \int \frac{dx}{4+2x^2},$$

$$46. \int \frac{3x^2}{1+x^6} dx,$$

$$47. \int \frac{dx}{3+2x^2},$$

$$48. \int \frac{x}{1+x^4} dx,$$

$$49. \int (ax+b) dx,$$

$$50. \int \sin(2x) dx,$$

$$51. \int \cos(2x) dx,$$

$$52. \int \sin(3x) dx,$$

$$53. \int \sin \frac{\pi}{2} dx,$$

$$54. \int \cos \frac{\pi}{4} dx,$$

$$55. \int \frac{2x+1}{x^2+x+8} dx,$$

$$56. \int \frac{x^2}{x^3+8} dx,$$

$$57. \int \frac{6x^2+2x-3}{2x^3+x^2-3x-8} dx,$$

$$58. \int \frac{4x-1}{2x^2-x+5} dx,$$

$$59. \int \frac{9x^2}{-3x^3+5} dx,$$

$$60. \int \frac{12x^2+4x-6}{2x^3+x^2-3x+9} dx,$$

$$61. \int \sqrt[4]{2x-1} dx,$$

$$62. \int \sqrt[3]{2x+1} dx,$$

$$63. \int \frac{dx}{\sqrt[3]{1+x}},$$

$$64. \int \frac{dx}{\sqrt[4]{3+2x}},$$

$$65. \int \frac{10dx}{\sqrt[3]{2-5x}},$$

$$66. \int \frac{dx}{\sqrt[5]{2+x}},$$

$$67. \int \frac{dx}{\sqrt[4]{7+x}},$$

$$68. \int (1-x)^3 dx,$$

$$69. \int (1-3x)^4 dx,$$

$$70. \int e^{-x} dx,$$

$$71. \int xe^{-x^2} dx,$$

$$72. \int e^{-3x} dx,$$

$$73. \int 3x^2 e^{-x^3} dx,$$

$$74. \int (-2)xe^{-x^2} dx,$$

$$75. \int \frac{e^x}{\sqrt{1-e^x}} dx,$$

$$76. \int \frac{1}{(1-3x)^4} dx,$$

$$77. \int \frac{e^x}{\sqrt{1+e^x}} dx,$$

$$78. \int \frac{1}{(-1+4x)^4} dx,$$

$$79. \int e^{3+2x} dx,$$

$$80. \int (1+x^3)^4 x^2 dx,$$

$$81. \int \frac{x^2}{\sqrt{4x^3-11}} dx,$$

$$82. \int e^{3-x} dx,$$

$$83. \int x\sqrt{3-x} dx,$$

$$84. \int (1+x^2)^4 x dx,$$

$$85. \int \frac{x}{\sqrt{x+2}} dx,$$

$$86. \int \frac{x^2}{\sqrt{x^3+1}} dx,$$

$$87. \int \sqrt{1-\cos x} \cdot \sin x dx,$$

$$88. \int \frac{-\cos x}{\sin^2 x} dx,$$

$$89. \int a \frac{\sin x}{\cos^2 x} dx,$$

$$90. \int \frac{3\cos x}{4+\sin x} dx,$$

$$91. \int \sin^5 x dx,$$

$$92. \int \frac{\cos x}{\sin^3 x} dx,$$

$$93. \int \frac{\sin x}{\cos^4 x} dx,$$

$$94. \int \frac{\cos x}{5+\sin x} dx,$$

$$95. \int \frac{dx}{2x(3+\ln x)},$$

$$96. \int \frac{dx}{x(3+2\ln x)},$$

$$97. \int \frac{dx}{x^2+8x+20},$$

$$98. \int \frac{dx}{x^2+12x+40},$$

$$99. \int \frac{1+x}{1+x^2} dx,$$

$$100. \int \frac{1-x}{1+x^2} dx,$$

$$101. \int xe^x dx,$$

$$102. \int 5xe^x dx,$$

$$103. \int x \sin x dx,$$

$$104. \int x \cos x dx,$$

$$105. \int x \ln x dx,$$

$$106. \int x^2 \ln x dx,$$

$$107. \int x^3 \ln x dx,$$

$$108. \int x^6 \ln x dx,$$

$$109. \int \frac{\ln x}{x^2} dx,$$

$$110. \int x^2 e^x dx,$$

$$111. \int x^2 e^{-x} dx,$$

$$112. \int \ln x dx,$$

$$113. \int \arcsin x dx,$$

$$114. \int \arccos x dx,$$

$$115. \int e^x \sin x dx,$$

$$116. \int e^x \cos x dx,$$

$$117. \int \sin^2 x dx,$$

$$118. \int \cos^2 x dx,$$

$$119. \int \frac{dx}{\sin x},$$

$$120. \int \frac{dx}{\cos x},$$

$$121. \int \frac{dx}{\sin^4 x},$$

$$122. \int \frac{dx}{\sin^3 x},$$

$$123. \int \frac{dx}{\cos^2 x},$$

$$124. \frac{1}{\varphi A_0 \sqrt{2g}} \int \frac{A_1}{\sqrt{x}} dx,$$

$$125. \int H \frac{dt}{\cos \phi},$$

$$126. \int H \frac{e^i}{\cos \phi} dt,$$

$$127. \int s \cdot \frac{p \cdot V}{x} dV,$$

$$128. \int s^2 \cdot p \cdot V \cdot x^3 dV$$

$$129. \int z^2 \cdot \frac{p \cdot V}{3x} dz,$$

$$130. \frac{1}{\varphi A_0 \sqrt{2g}} \int \frac{Ah + \rho}{\sqrt{h}} dh,$$

$$131. \frac{1}{\varphi A_0 \sqrt{2g}} \int \frac{A_1 x}{\sqrt{z}} dx,$$

$$132. \int a \frac{dt}{\cos n \phi},$$

$$133. \int 2 \frac{e^i}{\phi} dt,$$

$$134. \int \frac{p \cdot V^2}{x} dV,$$

$$135. \int z^2 \cdot \frac{p \cdot T^{2/3}}{3x} dz,$$

$$136. \frac{1}{\varphi A_0 \sqrt{2g}} \int \frac{1}{t} dh$$