

1.	$(x^2 - y^2)y' = y^2$ tenglama turini aniqlang.	Bir jinsli
2.	Differensial tenglama tartibi deganda nima tushuniladi?	Differensial tenglamada qatnashgan hosilaning eng yuqori tartibi
3.	Differensial tenglama ta'rif to'g'ri keltirilgan javobni belgilang	Nomalum fuksiya erkli o'zgaruvchan va uning hosilalari yoki diffensiallari qatnashgan tenglamaga differensial tenglama deyiladi
4.	$y' + P(x)y = Q(x)$ tenglamani Lagranj usulida yechishda yechim... ko'rinishda qidiriladi?	$y = C(x)e^{-\int P(x)dx}$
5.	$y' + P(x)y = Q(x)$ tenglamani Bernulli usulida yechishda yechim... ko'rinishda qidiriladi.	$y = uv$
6.	Agar $y' + P(x)y = Q(x)$ tenglamada $Q(x)=0$ bo'lsa, tenglama ... bo'ladi.	Chiziqli bir jinsli
7.	$M(x,y)dx + N(x,y)dy = 0$ tenglama to'la differensial tenglama bo'lishining yetarli va zaruriy shartini ko'rsating.	$\frac{\partial N}{\partial x} = \frac{\partial M}{\partial y}$
8.	Yuqori tartibli differensial tenglama quyidagi ko'rinishga ega:	$F(x, y, y', y'') = 0.$
9.	Birinchi tartibli differensial tenglama quyidagi ko'rinishga ega:	$F(x, y, y') = 0$
10.	O'zgaruvchilarga ajralgan differensial tenglamani ko'rsating:	$M(x)dx + N(y)dy = 0$
11.	$yy'' - y' = x$ differensial tenglamaning tartibini aniqlang.	2
12.	$y' = x^2 + 1$ tenglamaning umumiy yechimini toping.	$\frac{x^3}{3} + x + C$
13.	Bernulli differensial tenglamasini ko'rsating:	$y' + P(x)y = Q(x)y^n, n \neq 1, n \neq 0$
14.	$y' = x^2$ differensial tenglamaning umumiy yechimini toping.	$y = \frac{x^3}{3} + C$
15.	$y' - \frac{y}{x} = 0$ differensial tenglamaning $y(1) = 1$ boshlang'ich shartni qanoatlantiruvchi xususiy yechimini toping.	$y = x$
16.	$xy' + y = \sin y$ tenglama turini aniqlang.	O'zgaruvchilari ajraladigan differensial tenglama
17.	$xy' - y = 0$ differensial tenglama uchun $y(1) = 2$ boshlang'ich shartidagi Koshi masalasini yeching.	$y = 2x$

18.	$y' = x + 1$ differensial tenglamaning umumiy integralini toping.	$y = \frac{x^2}{2} + x + c$
19.	$(x^2 + y^2)y' = y^2$ tenglama turini aniqlang.	Bir jinsli
20.	$y' - \frac{3y}{x} = x$ tenglamani yeching.	$y = Cx^3 - x^2$
21.	$x^2y' = y^2 + yx$ bir jinsli differensial tenglamaning umumiy yechimini toping.	$y = \frac{x}{C - \ln x }$
22.	Differensial tenglamaning tartibini $\frac{d^3y}{dx^3} = \sqrt[3]{\left(\frac{dy}{dx}\right)^2 - 1}$ aniqlang.	3
23.	$y'' + py' + qy = 0$ chiziqli bir jinsli differensial tenglamaning $k^2 + pk + q = 0$ tenglamasi qanday ataladi.	Xarakteristik
24.	Agar chiziqli bir jinsli differensial tenglamaning xarakteristik tenglamasining ildizlari qo'shma kompleks bo'lsa $(\alpha \pm i\beta)$, u holda uning yechimi quyidagilardan qaysi biri?	$y = e^{\alpha x} (C_1 \cos \beta x + C_2 \sin \beta x)$
25.	$y'' - 4y' = 0$ differensial tenglamaning umumiy yechimini toping.	$y = c_1 + c_2 e^{4x}$
26.	Xarakteristik tenglama berilgan: $3k^2 + 2k - 1 = 0$. Unga mos differensial tenglama yozilsin.	$3y'' + 2y' - y = 0$
27.	$y'' + 4y = 0$ ning xarakteristik tenglamasi yozilsin.	$k^2 + 4 = 0$
28.	$y'' - 24y' + 144y = 0$ tenglamaning umumiy yechimini toping.	$y = e^{12x} (C_1 x + C_2)$
29.	$y'' = f(x, y')$ differensial tenglama quyidagi almashtirish bilan yechiladi:	$y' = p, \quad y'' = p'$
30.	$xy^2 dy = (x^3 + y^3) dx$ differensial tenglamaning umumiy yechimini toping.	$y = x^3 \sqrt[3]{3 \ln cx}$
31.	$y' + y = e^{-x}$ differensial tenglamaning umumiy yechimini toping.	$e^x y = x + c$
32.	$y'' - 2y' + 10y = 0$ differensial tenglamaning umumiy yechimini toping.	$y = e^x (c_1 \cos 3x + c_2 \sin 3x)$
33.	$y' = x^2$ differensial tenglamaning umumiy yechimini toping.	$y = \frac{x^3}{3} + C$
34.	$x^2y' = y^2 + yx$ bir jinsli differensial tenglamaning umumiy yechimini toping.	$y = \frac{x}{C - \ln x }$

35.	$xy' - y = 0$ differensial tenglama uchun $y(1) = 2$ boshlang'ich shartidagi Koshi masalasini yeching.	$y = 2x$
36.	$y'' = 12x^2$ differensial tenglamaning umumiy yechimini toping.	$y = x^4 + C_1x + C_2$
37.	$y'' - 4y' + 3y = 0$ differensial tenglamaning umumiy yechimini toping.	$y = C_1e^x + C_2e^{3x}$
38.	$y' - xy = 0$ tenglamaning umumiy yechimini toping.	$y = ce^{x^2/2}$
39.	Quyidagi tenglamalardan 4-tartibli differensial tenglamani ko'rsating.	$y'''' + y'' - y = 0$
40.	O'zgarmas koeffesientli 2-tartibli chiziqli bir jinsli differensial tenglamani ko'rsating.	$y'' + py' + qy = 0$
41.	$y'' + py' + qy = 0$ differensial tenglamaning xarakteristik tenglamasini yozing.	$k^2 + pk + q = 0$
42.	$y'' - 5y' = 0$ differensial tenglamaning umumiy yechimini toping.	$y = c_1 + c_2e^{5x}$
43.	Bir jinsli differensial tenglamani yechish uchun qanday almashtirish bajariladi?	$y = zt$
44.	Differensial tenglamaning tipini aniqlang $y' - \frac{y}{x} = x + 1$	Chiziqli
45.	Bernulli tenglamasini yechish uchun qanday almashtirish bajariladi?	$z = y^{1-n}$
46.	Erkli o'zgaruvchi, noma'lum funksiya hamda uning hosilalari yoki differensiallari orasidagi munosabatga ... deyiladi.	Differensial tenglama
47.	Noma'lum funksiya faqat bitta o'zgaruvchiga bog'liq bo'lsa, bunday differensial tenglamaga ... deyiladi.	Oddiy differensial tenglama
48.	Noma'lum funksiya ikki yoki undan ko'p o'zgaruvchilarga bog'liq bo'lsa, bunday differensial tenglamalarga deyiladi.	Xususiy hosila differensial tenglamalar
49.	... deb tenglamaga qo'yganda uni ayniyatga aylantiradigan har qanday differensiallanuvchi $y = \varphi(x)$ funksiyaga aytiladi.	Differensial tenglamaning yechimi yoki integrali
50.	Differensial tenglama yechimining grafigiga deyiladi.	Integral chiziq
51.	$y = \varphi(x, C)$ x ning funksiyasi har bir C ixtiyoriy o'zgarmas bo'lganda $F(x, y, y') = 0$ tenglamani qanoatlantirsa, uning ... deyiladi.	Umumiy yechimi
52.	C ixtiyoriy o'zgarmasning muayyan qiymatida umumiy yechimdan olinadigan yechimga deyiladi.	Xususiy yechim

53.	$y' = f(x, y)$ differensial tenglamaning $y(x_0) = y_0$ boshlang'ich shartni qanoatlantiruvchi yechimini topish masalasiga deyiladi.	Koshi masalasi
54.	Quyidagi tenglama nechanchi tartibli differensial tenglama $y'' - y' \cos x - x^5 y = 0$	2
55.	Quyidagi differensial tenglamaning tartibini aniqlang: $x(1 - y^2)dx - y(1 - x^2)dy = 0$	1
56.	Quyidagi differensial tenglamada erkli o'zgaruvchi nechta: $x \frac{\partial z}{\partial x} = y \frac{\partial z}{\partial y}$	2
57.	Birinchi tartibli oddiy differensial tenglamani umumiy ko'rinishini aniqlang	$F(x, y, y') = 0$
58.	Birinchi tartibli oddiy differensial tenglama umumiy yechimi ko'rinishini aniqlang:	$\Phi(x, y, c) = 0$
59.	Quyidagi tenglamalarni qaysi biri Bernulli tenglamasi hisoblanadi:	$y' + P(x)y = Q(x)y^\alpha$
60.	Bernulli tenglamasi qanday tenglamaga keltiriladi?	Chiziqli
61.	Berilgan tenglamaning tipini aniqlang: $y \sin x + y' \cos x = 1$	Chiziqli
62.	Quyidagi tenglama qaysi tipga tegishli $(x \cos y - y^2)dy + (\sin y + x)dx = 0$	To'la differensial
63.	Tenglamaning tipini aniqlang $xy' = y - xe^x$	Chiziqli
64.	$y' = f(y) \cdot g(x)$ differensial tenglama tipini toping	O'zgaruvchisi ajraladigan
65.	$kx^2 + y^2 + xy' = 0$ differensial tenglamani tartibini toping	1
66.	Ushbu $y' + P(x)y = Q(x)y^m$ Bernulli tenglamasini m ning qanday qiymatida chiziqli differensial tenglama bo'ladi?	0
67.	Birinchi tartibli chiziqli differensial tenglamaning umumiy yechimi nechta ixtiyoriy o'zgaruvchilarga bog'liq?	1
68.	Birinchi tartibli $y' = \varphi\left(\frac{y}{x}\right)$ bir jinsli tenglama $y = xz$ almashtirish natijasida, qanday turdagi tenglamaga kelishini toping	O'zgaruvchilari ajraladigan
69.	Xarakteristik tenglamasi $\lambda^2 + 3\lambda + 2 = 0$ bo'lgan o'zgaruvchisiz chiziqli bir jinsli tenglamani toping	$y' + P(x)y = Q(x)y^\alpha$
70.	$F(x, y^{(k)}, y^{(k+1)}, \dots, y^{(n)}) = 0$ tenglamaning tartibini pasaytirish uchun qanday almashtirish bajariladi?	$y^{(k)} = z$

71.	Differensial tenglamani yechimini toping: $y' = \sin 2x + 1$	$y = -\frac{1}{2} \cos 2x + x + c$
72.	Differensial tenglamani yechimini toping: $y' = 2x + 1$	$* y = x^2 + x + C$
73.	Differensial tenglamani yechimini toping: $y' = x - 7$	$y = \frac{x^2}{2} - 7x + C$
74.	Differensial tenglamani yechimini toping: $y' = \cos x - 7$	$y = \sin x - 7x + C$
75.	Differensial tenglamani yechimini toping: $y' = x - \frac{7}{x}$	$y = \frac{x^2}{2} - 7 \ln x + C$
76.	Differensial tenglamani yechimini toping: $y' = x - \sin x$	$y = \frac{x^2}{2} + \cos x + C$
77.	Quyidagi tenglama nechan-chi tartibli differensial tenglama $y''' = y'x - \sin x$	3
78.	Quyidagi tenglama nechan-chi tartibli differensial tenglama $y'' + y'x = \ln x$	2
79.	Quyidagi tenglama nechan-chi tartibli differensial tenglama $y^{IV} + y''x = \sin x$	4
80.	Quyidagi tenglama nechan-chi tartibli differensial tenglama $y'' + y'x = \frac{7}{x}$	2
81.	Quyidagi tenglama nechan-chi tartibli differensial tenglama $x^2 y'' + y'x = 0$	2
82.	Quyidagi tenglama nechan-chi tartibli differensial tenglama $x^2 y''' + 3y'x - y = 0$	3
83.	Quyidagi tenglama nechan-chi tartibli differensial tenglama $x^2 y'' - 2y'x + 2y = 4x$	2
84.	Quyidagi tenglama nechan-chi tartibli differensial tenglama $y'' - 2y' + 2y = 4x$	2
85.	Quyidagi tenglama nechan-chi tartibli differensial tenglama $y'' - 6y' + 8y = e^{4x}$	2
86.	Agar 2-tartibli chiziqli bir jinsli differensial tenglama-ning xarakteristik tengla-masining ildizlari karrali bo'lsa, u holda uning yechimi quyidagilardan qaysi biri?	$y = (C_1 x + C_2) e^{kx}$
87.	Agar 2-tartibli chiziqli bir jinsli differensial tenglama-ning xarakteristik tengla-masining ildizlari bir-biridan farqli haqiqiy sonlar bo'lsa, u holda uning yechimi quyidagilardan qaysi biri?	$y = C_1 e^{k_1 x} + C_2 e^{k_2 x}$

88.	Differensial tenglama tipini aniqlang: $y' = x - \sin x$	Oddiy
89.	Differensial tenglama tipini aniqlang: $y' - \frac{3y}{x} = x$	Chiziqli
90.	Differensial tenglama tipini aniqlang: $y' - \frac{3y}{x} = xy^2$	Bernulli
91.	Differensial tenglama tipini aniqlang: $y' - \frac{5y}{x} = xy^2$	Bernulli
92.	Differensial tenglama tipini aniqlang: $y' - \frac{5y}{x} = \ln x$	Chiziqli
93.	Differensial tenglama tipini aniqlang: $y' + \frac{y}{x} = x$	Chiziqli
94.	Differensial tenglama tipini aniqlang: $y' + \frac{y}{x} = xy^3$	Bernulli
95.	Differensial tenglama tipini aniqlang: $y'x^3 = 2y$	O'zgaruvchsi ajraladigan
96.	Differensial tenglama tipini aniqlang: $\cos x \sin y dy + \cos y \sin x dx = 0$	O'zgaruvchsi ajraladigan
97.	Differensial tenglamani yeching: $y' = \frac{y}{x}$	$y = Cx$
98.	Differensial tenglamani yeching: $y' = \frac{y+1}{x}$	$y = Cx - 1$
99.	Differensial tenglamani yeching: $y' = \frac{y+7}{x-1}$	$y = C(x-1) - 7$
100.	Differensial tenglamani yeching: $y' = \tan x$	$y = -\ln(\cos x) + c$
101.	$x dx + y dy = 0$ tenglamaning umumiy yechimini toping.	$x^2 + y^2 = C$
102.	Quyidagi birinchi tartibli $\frac{dy}{dx} = -\frac{y}{x}$ differensial tenglamaning umumiy yechimini toping.	$y = -\frac{c}{x}$
103.	Ushbu $y' + yx = 0$ differensial tenglamaning turini aniqlang.	1-tartibli oddiy differensial tenglama
104.	Ushbu $y'' + y' - y^3 = 0$ differensial tenglamaning turini aniqlang.	2-tartibli oddiy differensial tenglama
105.	$y' = 2x$ differensial tenglamaning yeching.	$y = x^2 + C$

106.	$y' = x^2 + 3x$ differensial tenglamaning yechimlar oilasini toping.	$y = \frac{x^3}{3} + \frac{3x^2}{2} + C$
107.	Ushbu $y' = \sin x$ tenglamani yeching.	$y = -\cos x + C$
108.	Ushbu $y' = 4x$ tenglamani yeching	$y = 2x^2 + C$
109.	Ushbu $y' = 6x$ tenglamani yeching.	$y = 3x^2 + C$
110.	Ushbu $y' = 3$ tenglamani yeching.	$y = 3x + C$
111.	$xy' - y = 0$ differensial tenglamani yechimini toping.	$y = Cx$
112.	$y' = 3x^2 - 10x + 5$ differensial tenglamaning umumiy yechimini toping?	$y = x^3 - 5x^2 + 5x + C$
113.	Ushbu $y' = 2x + 2$ differensial tenglamani yeching?	$y = x^2 + 2x + C$
114.	Ushbu $y' = x - 1$ differensial tenglamani yeching?	$y = \frac{x^2}{2} - x + C$
115.	Ushbu $y' = 3x + 2$ differensial tenglamani yeching?	$y = \frac{3}{2}x^2 + 2x + C$
116.	Ushbu $y' = \sin x + 2$ differensial tenglamani yeching?	$y = -\cos x + 2x + C$
117.	Ushbu $y' = e^x + 2$ differensial tenglamani yeching?	$y = e^x + 2x + C$
118.	Ushbu $y' = e^x - 5$ differensial tenglamani yeching?	$y = e^x - 5x + C$
119.	Ushbu $y' = \cos 2x - 5$ differensial tenglamani yeching?	$y = \frac{1}{2} \sin 2x - 5x + C$
120.	Ushbu $y' = \cos 3x + 4$ differensial tenglamani yeching?	$y = \frac{1}{3} \sin 3x + 4x + C$

121.	Ushbu $y' = \cos 7x + 14$ differensial tenglamani yeching?	$y = \frac{1}{7} \sin 7x + 14x + C$
122.	Ushbu $y' = 8x + 14$ differensial tenglamani yeching?	$y = 4x^2 + 14x + C$
123.	Ushbu $y' = 6x + 7$ differensial tenglamani yeching?	$y = 3x^2 + 7x + C$
124.	Ushbu $y' = 10x + 7$ differensial tenglamani yeching?	$y = 5x^2 + 7x + C$
125.	Ushbu $y' = 12x + 1$ differensial tenglamani yeching?	$y = 6x^2 + x + C$
126.	Ushbu $y' = 5x$ differensial tenglamani yeching?	$y = \frac{5}{2}x^2 + C$
127.	Ushbu $y' = 4x$ differensial tenglamani yeching?	$y = 2x^2 + C$
128.	Ushbu $y' = 7x$ differensial tenglamani yeching?	$y = \frac{7}{2}x^2 + C$
129.	Ushbu $y' = x^2 - 1$ differensial tenglamani yeching?	$y = \frac{1}{3}x^3 - x + C$
130.	Ushbu $y' = x^3 + 2$ differensial tenglamani yeching?	$y = \frac{1}{4}x^4 + 2x + C$
131.	Ushbu $y' = x^5 + 7$ differensial tenglamani yeching?	$y = \frac{1}{6}x^6 + 7x + C$

132.	Ushbu $y' = e^{3x} + 1$ differensial tenglamani yeching?	$y = \frac{1}{3}e^{3x} + x + C$
133.	Ushbu $y' = 2x^3 + 5$ differensial tenglamani yeching?	$y = \frac{1}{2}x^4 + 5x + C$
134.	Ushbu $y' = 6x^3 + 3$ differensial tenglamani yeching?	$y = \frac{3}{2}x^4 + 3x + C$
135.	Ushbu $y' = x^3 - 5$ differensial tenglamani yeching?	$y = \frac{1}{4}x^4 - 5x + C$
136.	Ushbu $y' = 3x - 5$ differensial tenglamani yeching?	$y = \frac{3}{2}x^2 - 5x + C$
137.	Ushbu $y' = \cos 5x - 9$ differensial tenglamani yeching?	$y = \frac{1}{5}\sin 5x - 9x + C$
138.	Ushbu $y' = \sin 6x - 2$ differensial tenglamani yeching?	$y = -\frac{1}{6}\cos 6x - 2x + C$
139.	Ushbu $y' = x^7 - 3$ differensial tenglamani yeching?	$y = \frac{1}{8}x^8 - 3x + C$
140.	Ushbu $y' = 6x^5 - 5x$ differensial tenglamani yeching?	$y = x^6 - \frac{5}{2}x^2 + C$
141.	Ushbu $y' = 2x^3 + 3$ differensial tenglamani yeching?	$y = \frac{1}{2}x^4 + 3x + C$

142.	Ushbu $y' = e^{3x-1}$ differensial tenglamani yeching?	$y = \frac{1}{3}e^{3x-1} + C$
143.	Ushbu $y' = 7x^3 - 2$ differensial tenglamani yeching?	$y = \frac{7}{4}x^4 - 2x + C$
144.	Ushbu $y' = e^{5x} + 6$ differensial tenglamani yeching?	$y = \frac{1}{5}e^{5x} + 6x + C$
145.	Ushbu $y' = 7x + 4$ differensial tenglamani yeching?	$y = \frac{7}{2}x^2 + 4x + C$
146.	Ushbu $y' = 5x + 6$ differensial tenglamani yeching?	$y = \frac{5}{2}x^2 + 6x + C$
147.	Ushbu $y' = e^{3x} - 8$ differensial tenglamani yeching?	$y = \frac{1}{3}e^{3x} - 8x + C$
148.	Ushbu $y' = \sin x + 7$ differensial tenglamani yeching?	$y = -\cos x + 7x + C$
149.	Ushbu $y' = 4x^3 - 1$ differensial tenglamani yeching?	$y = x^4 - x + C$
150.	Ushbu $y' = 2 - 5x$ differensial tenglamani yeching?	$y = 2x - \frac{5}{2}x^2 + C$
151.	Ushbu $y' = 7 - 2x$ differensial tenglamani yeching?	$y = 7x - x^2 + C$
152.	Ushbu $y' = 3x^3 - 5$ differensial tenglamani yeching?	$y = \frac{3}{4}x^4 - 5x + C$

153.	Ushbu $y' = x^3 - 5\sin x$ differensial tenglamani yeching?	$y = \frac{1}{4}x^4 + 5\cos x + C$
154.	Ushbu $y' = 2x - 15$ differensial tenglamani yeching?	$y = x^2 - 15x + C$
155.	Ushbu $y' = 5x^3 - 3x$ differensial tenglamani yeching?	$y = \frac{5}{4}x^4 - \frac{3}{2}x^2 + C$
156.	Ushbu $y' = 7x - 6$ differensial tenglamani yeching?	$y = \frac{7}{2}x^2 - 6x + C$
157.	Ushbu $y' = \sin 5x - 5$ differensial tenglamani yeching?	$y = -\frac{1}{5}\cos 5x - 5x + C$
158.	Ushbu $y'' = e^x$ differensial tenglamani yeching?	$y = e^x + C_1x + C$
159.	Ushbu $y' = 3 - 5x$ differensial tenglamani yeching?	$y = 3x - \frac{5}{2}x^2 + C$
160.	$y'' - 16y = 0$ tenglamani umumiy yechimini toping	$y = c_1e^{4x} + c_2e^{-4x}$
161.	$y' = xy$ tenglamani yechimini aniqlang.	$y = x^2 + c$
162.	$y^{(IV)} = f(x, y)$ differensial tenglamani tartibini aniqlang	4
163.	$y' = 1$ tenglamani yechimini aniqlang.	$y = c + x$
164.	Xarakteristik tenglamasi $\lambda^2 + 3\lambda + 2 = 0$ bo'lgan o'zgaras koeffitsiyentli chiziqli bir jinsli tenglamani toping.	$y'' + 3y' + 2y = 0$
165.	$y'' + y' = 0$ tenglamani xususiy yechimini toping.	e^{-x}
166.	$xy''' + y' = x^4$ differensial tenglama tartibini aniqlang.	3
167.	$y^{(3)} - 2y'' + 7y = 0$ tenglamani tartibini aniqlang	3

168.	Ushbu $M(x, y)dx + N(x, y)dy = 0$ tenglama to'la differensial tenglama bo'ladi, agar ... tenglik o'rinli bo'lsa.	$\frac{\partial M}{\partial y} \equiv \frac{\partial N}{\partial x}$
169.	$y'' - 9y = 0$ tenglamaning xarakteristik sonlarini toping.	3 va -3
170.	$y'' - 25y = 0$ tenglamaning xarakteristik sonlarini toping.	5 va -5
171.	$y'' - 36y = 0$ tenglamaning xarakteristik sonlarini toping.	6 va -6
172.	Berilgan differensial tenglamaning tartibini aniqlang? $y^{(8)} - 8y'' + 4y^{(3)} = 2x^2 + 5x + 4$	8
173.	$y'' - 49y = 0$ tenglamaning xarakteristik sonlarini toping.	7 va -7
174.	Berilgan differensial tenglamaning tartibini aniqlang? $y^{(7)} - 8y^{(6)} + 4y^{(5)} = 5x$	7
175.	$y' = 2$ tenglamani yechimini aniqlang.	$y = 2x + c$
176.	Birinchi tartibli differensial tenglamani toping	$y' = 3y \cos x + \sin x$
177.	$y' = 2013$	$y = 2013x + c$
178.	Berilgan differensial tenglamaning tartibini aniqlang? $y^{(4)} - 8y'' + 4y' = 2$	4
179.	$y'' - 81y = 0$ tenglamaning xarakteristik sonlarini toping	9 va -9
180.	$y'' - 121y = 0$ tenglamaning xarakteristik sonlarini toping.	11 va -11
181.	Quyidagi tenglamalardan qaysi biri oddiy differensial tenglama	$y = y'$
182.	$y' = x^2 + 1$ tenglamaning umumiy yechimini toping.	$\frac{x^3}{3} + x + c$
183.	$y' = \cos 2x$ tenglamaning umumiy yechimini toping.	$\frac{\sin 2x}{2} + c$

184.	$y' = 5x^2 + x + 1$ tenglamaning umumiy yechimini toping.	$\frac{5}{3}x^3 + \frac{x^2}{2} + x + c$
185.	$y' = 4x + \sin x$ tenglamaning umumiy yechimini toping.	$2x^2 - \cos x + c$
186.	$y' + y = 1$ differensial tenglamaning umumiy yechimini toping.	$y = ce^{-x} + 1$
187.	$y'' - 8y' + 15y = 0$ tenglamaning xarakteristik tenglamasi qanday ildizga ega.	3;5
188.	$y' = f(x, y)$ differensial tenglama $y(x_0) = u_0$ shart bilan yechimini topishga qanday masala deyiladi?	Koshi masalasi
189.	Xarakteristik tenglamasi $\lambda^2 + 3\lambda + 2 = 0$ bo'lgan o'zgarmas koeffitsiyentli chiziqli bir jinsli tenglamani toping.	$y'' + 3y' + 2y = 0$
190.	$y'' + 3y' + 2y = 0$ tenglamaning xarakteristik sonlarini toping.	-2, -1
191.	n – tartibli differensialli tenglamalarning umumiy yechimi nechta ixtiyoriy o'zgarmasga bog'liq.	N
192.	Ushbu masala qanday masala deyiladi $y''' + 3y' = x, y(0) = 1, y'(0) = 3, y''(0) = 2$	Koshi masalasi
193.	Xarakteristik soni 2 va 5 bo'lgan differensial tenglamani toping.	$y'' - 7y' + 10y = 0$
194.	$y^{(v)} - 14y''' + 24y = 0$ differensial tenglama tartibini aniqlang	5
195.	Xarakteristik soni 0 va 4 bo'lgan differensial tenglamani toping.	$y'' - 4y' = 0$
196.	Berilgan differensial tenglamaning tartibini aniqlang? $y^{(6)} - 8y'' + 4y = 2x^2 + 5x + 4$	6
197.	$y'' - y = 0$ tenglamaning xarakteristik sonlarini toping.	1 va -1
198.	Xarakteristik soni 3 va 8 bo'lgan differensial tenglamani toping.	$y'' - 11y' + 24y = 0$