

3. Tenglamani yeching: $y(1 + x^2)y' + x(1 + y^2) = 0$
4. Bir jinsli tenglamani yeching: $xy' - y = x \cdot \operatorname{tg}\left(\frac{y}{x}\right)$
5. Parametr kiritish usuli bilan tenglamani yeching: $x = y'\sqrt{y'^2 + 1}$
3. Tenglamani yeching: $y' = \sqrt{4x + 2y - 1}$
4. To'la differensial tenglamani yeching: $\frac{3x^2 + y^2}{y^2} dx - \frac{2x^3 + 5y}{y^3} dy = 0$
5. Lagranj tenglamasini yeching: $y + xy' = 4\sqrt{y'}$
3. Umumlashgan bir jinsli tenglamani yeching: $2xy' + (x^2y^4 + 1)y = 0$
4. To'la differensial tenglamani yeching: $(2x^3 + xy^2)dx + (x^2y + 2y^3)dy = 0$
5. Klero tenglamasini yeching: $y'^3 = 3(xy' - y)$
3. To'la differensial tenglamani yeching: $x^2y^3dx + (x^3y^2 - y)dy = 0$
4. Chiziqli tenglamani yeching: $y' - \frac{1}{x}y = x \cos x$
5. Lagranj tenglamasini yeching: $y = 2xy' - 4y'^3$
3. Tenglamani yeching: $\sqrt{y^2 + 1} dx = xydy$
4. Integrallovchi ko'paytuvchini topib, tenglamani integrallang
 $(x^2 + y)dx - xdy = 0, \mu = \varphi(x)$
5. Berilgan tenglamaning barcha yechimlarini toping: $(y' + 1)^3 = 27(x + y)^2$