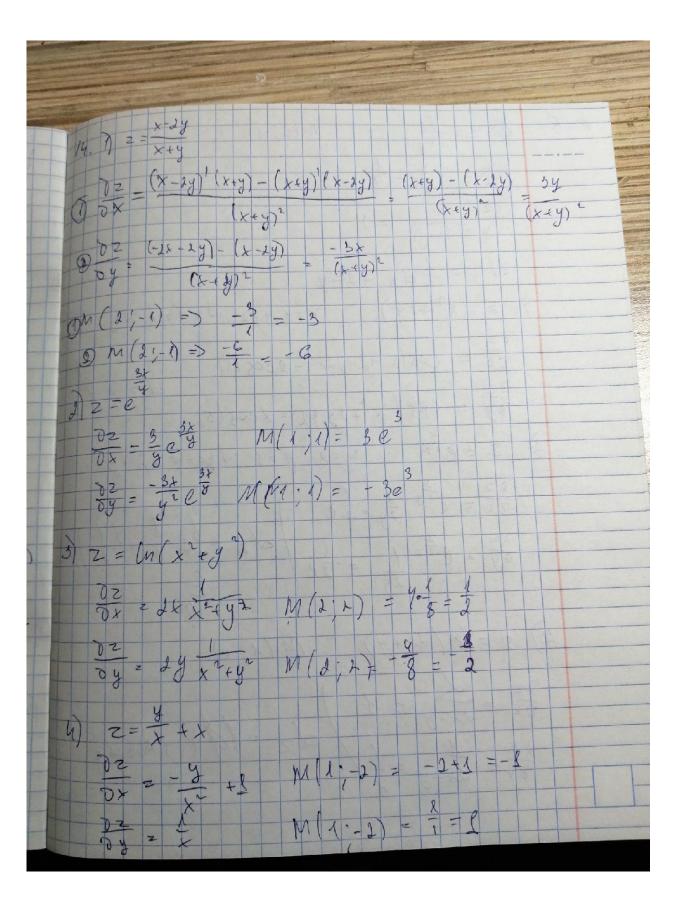
Jafeporennia fumou 3/8/5 Tecrnove rescribaguore 18. 0 = x - 3x 2 g + 4x 3 y - y 3 0 2 = 5x - 6x y + 12 x 2 g 0 2 = -5x 2 + 8x 3 y - 3y 2 2 = \frac{5}{3} = \frac{5}{3} \cdot \frac{7}{3} = \frac{7}{3} \cdot \frac{7}{3} \cdot \frac{7}{3} = \frac{7}{3} \cdot \frac{7}{3}
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2) $z = y = 3x \cdot y = 3$ $0z = 3 \cdot y = 3$ $0z = 3x \cdot y = 3$ $0z = x \cdot y = 3$ $0z$
$ \frac{\partial z}{\partial x} = 5 \cdot y = \frac{1}{3} = \frac{1}{3} $ $ \frac{\partial z}{\partial y} = 3x \cdot y = \frac{1}{3} $ $ \frac{\partial z}{\partial x} = \frac{1}{3} \cdot \frac{1}{3} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} = \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial y} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial x} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial x} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial y} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial x} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial y} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial y} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial y} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial y} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial y} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial y} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial y} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial y} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial y} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial y} = \frac{1}{3} \cdot \frac{1}{3} $ $ \frac{\partial z}{\partial y} = \frac{1}{3} \cdot \frac{1}$
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$\frac{\partial z}{\partial y} = \frac{z^{2}y^{2}}{(-x^{2}y^{2})} - \frac{(y^{2}y^{2})}{(-x^{2}y^{2})} - \frac{(y^{2}y^{2})}{(-x$
$\frac{3}{3} = \frac{y-3\lambda}{x+yy} = \frac{(y-3\lambda)(x+yy)}{(x+yy)} = \frac{(y-3\lambda)(x+yy)}{$
02 - 134 0x = (x+4y) - (x+4y) (y-3x) 154 0z - (x+4y) - (4y-12x) (5x (x+4y) - (x+4y) - (x+4y) 2
0y = (x+4y) - (4y-12x) (5x (x+4y) - (x+4y) = (x+4y) 2
D= 1 Dx = (2x-y) = 1 Dx = (2x-y) = 1
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m(2)-1) N15 22 = 4 = 4 02 × = 1 $dz = \frac{1}{4}dx + 2dy$ $dz = (x^2 + 2y)$ x = 1 y = 2 dx = 0, 1 dy = 0, 2 $\frac{\partial^{2}}{\partial x} = \cos(x^{2} + 2y) 2x = 2\cos(5)$ $\frac{\partial^{2}}{\partial y} = \cos(x^{2} + 2y) 2 = 2\cos(5)$ $\frac{\partial^{2}}{\partial y} = \cos(x^{2} + 2y) 2 = 2\cos(5)$ $\frac{\partial^{2}}{\partial y} = \cos(x^{2} + 2y) 2 = 2\cos(5)$ $\frac{\partial^{2}}{\partial y} = \cos(x^{2} + 2y) 2 = 2\cos(5)$ $\frac{\partial^{2}}{\partial y} = \cos(x^{2} + 2y) 2 = 2\cos(5)$ $\frac{\partial^{2}}{\partial x} = e^{\frac{x^{2}}{2}y} \cdot \frac{1}{2y} = \frac{1}{2}e$ $\frac{\partial^{2}}{\partial y} = e^{\frac{x^{2}}{2}y} \cdot \frac{1}{2y} = \frac{1}{2}e$ $\frac{\partial^{2}}{\partial y} = e^{\frac{x^{2}}{2}y} \cdot \frac{1}{2}e$ $\frac{\partial^{2}}{\partial y} = e^{\frac{x^{2}}{2}}e$ \frac 4) 2 = ln(2++y) m(1:e) /dz=ldx+0,5dg