Oppopular:

59: 11,13,15,16,17,18,19,

5.10: 10,600 d), 2,7, 8, 11, 12,13.14, 16, 17

12.1:1,3,40,5) 0,5

5.9.18: To bedrafter

A produserer x enleter per mined B-11-7 - 11-

Fortyeneste ti( A:  $P(x,y) = 12000 x - \frac{x^2}{2} - \frac{x^2}{4}$ - 1- B: Q(x,y) = (2000y - 42 - x2

a) the bedrift vil mantimere fortigneste, dus

mans P(x,y), mans Q (x,y)

Dorwer 
$$\frac{\partial P}{\partial x} = 0$$
 for basisfy  $A$ ,  $\frac{\partial P}{\partial x} = 12000 - x$ 

 $P(12000, 12000) = 12 \cdot 10^{3} \cdot 12 \cdot 10^{3} - \frac{(12 \cdot 10^{3})^{2}}{2} - \frac{(12 \cdot 10^{3})^{2}}{4} = \frac{(12 \cdot 10^{3})^{2}}{4} = \frac{12}{4} \cdot 12 \cdot 10^{6} = 36 \cdot 10^{6}$ 12.103

Q(12000, 12000) = 48-166

b) Sammarbeid om stønst fortsenceste

mausanir (PtQ (x,y) = P(x,y)+Q(x,y)

Stagoner punter  $\frac{\partial}{\partial x}(P_{+}Q) = \frac{\partial P}{\partial x} + \frac{\partial Q}{\partial x} = 12000 - x - \frac{x}{3} = 12000 - 4x = 0$ , x = 9000

 $\frac{\partial}{\partial y}(P_{+}Q) = \frac{\partial P}{\partial y} + \frac{\partial Q}{\partial y} = -\frac{1}{2} + |2000 - y| = |2000 - \frac{3}{2} = 0, y = |8000|$ 

P(9000,8000) = 51.5.106, Q(9000,8000) = 50.5.106

c) A nousanever PtQ. B maujourer Q

3,Q(y)=0, Y=12000

P(9000, 12000) = 31.5.106 Q(9000, 12000) = 58.5.106

29052012.notebook May 29, 2012

$$\frac{(9.19)}{(0.0)} \cdot \frac{(x_1y_1)}{(x_2y_1)} = \frac{x_1^2 + y_1^4}{3x_2^2} = \frac{(y_1x_2)}{3y_2^2} = \frac{y_1^2}{(y_1y_1)} = \frac{y_1^2}{(y_2x_2)} = \frac{y_1^2}{(y_2x_2)} = \frac{y_1^2}{(y_2x_2)} = \frac{y_2^2}{(y_2x_2)} = \frac{(y_1x_2)}{(y_2x_2)} =$$

29052012.notebook May 29, 2012

5.10 B:

$$x_1 \ Q \ Y \ Z = b$$

And  $= x_2 + 2 \ Y \ Z = x_2 + y_2$ 

Propose  $x_2 + y_2$ 
 $x_1 \ Q \ Y \ Z = b$ 

And  $= x_2 + 2 \ Y \ Z = x_2 + y_2$ 

Propose  $x_1 \ Z = b$ 
 $x_1 \ Q \ Y \ Z = b$ 

And  $= x_2 + 2 \ Y \ Z = x_2 + y_2$ 

Propose  $x_1 \ Z = b$ 
 $x_1 \ Q \ Y \ Z = b$ 
 $x_2 \ Y \ Z = b$ 
 $x_1 \ Z = x_2 \ Z = b$ 
 $x_2 \ Z = b$ 
 $x_2 \ Z = b$ 
 $x_1 \ Z = x_2 \ Z = b$ 
 $x_2 \ Z = b$ 
 $x_3 \ Z = x_4 \$