## MA0001 - Øving 2 - Martin Skatvedt

y:x+1

mandag 5. september 2022 15:10

P: (2,3) a= 1

 $y - y_1 = a(x - x_1)$ y - 3 = 1(x - 2)

y = x + 1

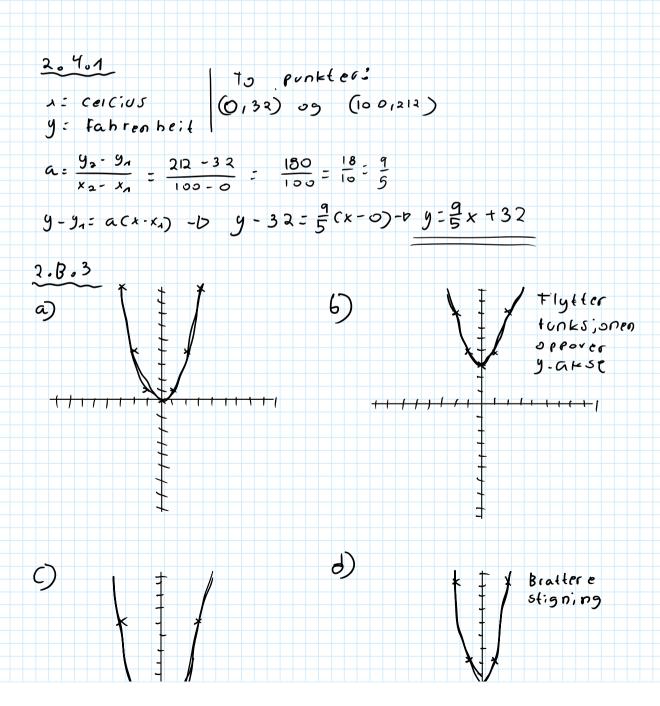
x=0-1 y=1
skjerer y-akse i (0,1)

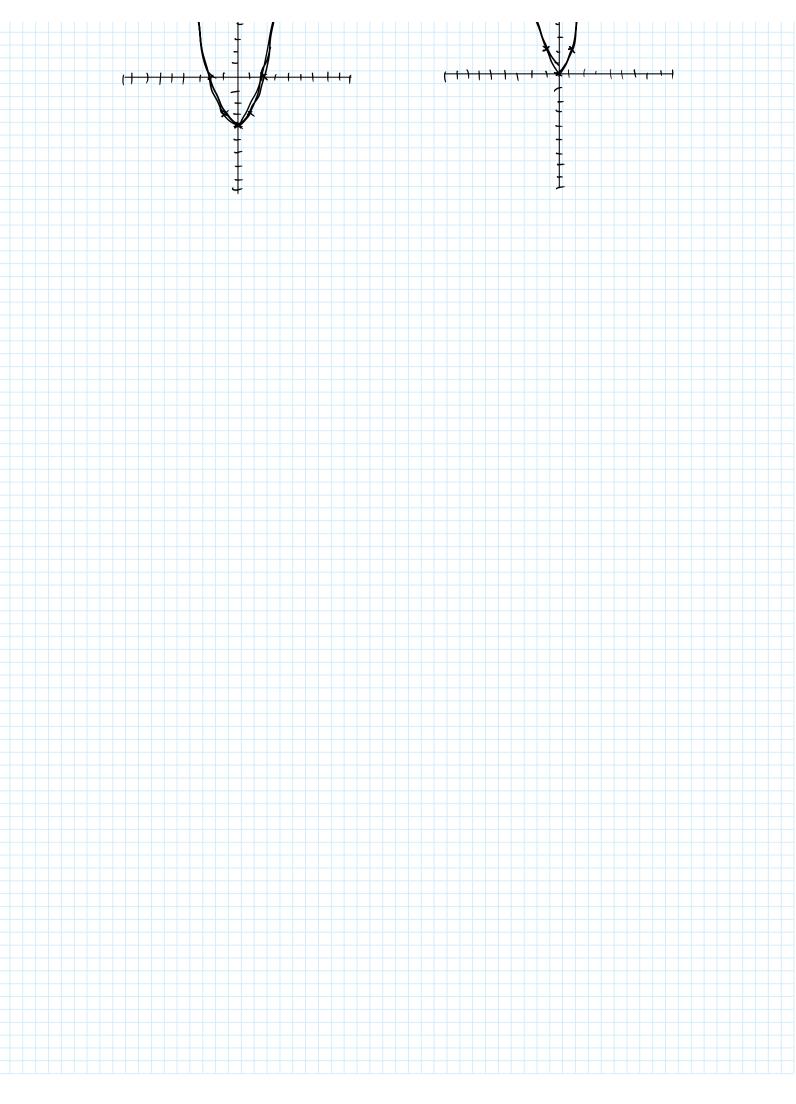
9:0 -1 x=-1 Sk; arer x-akse i (-1,0)

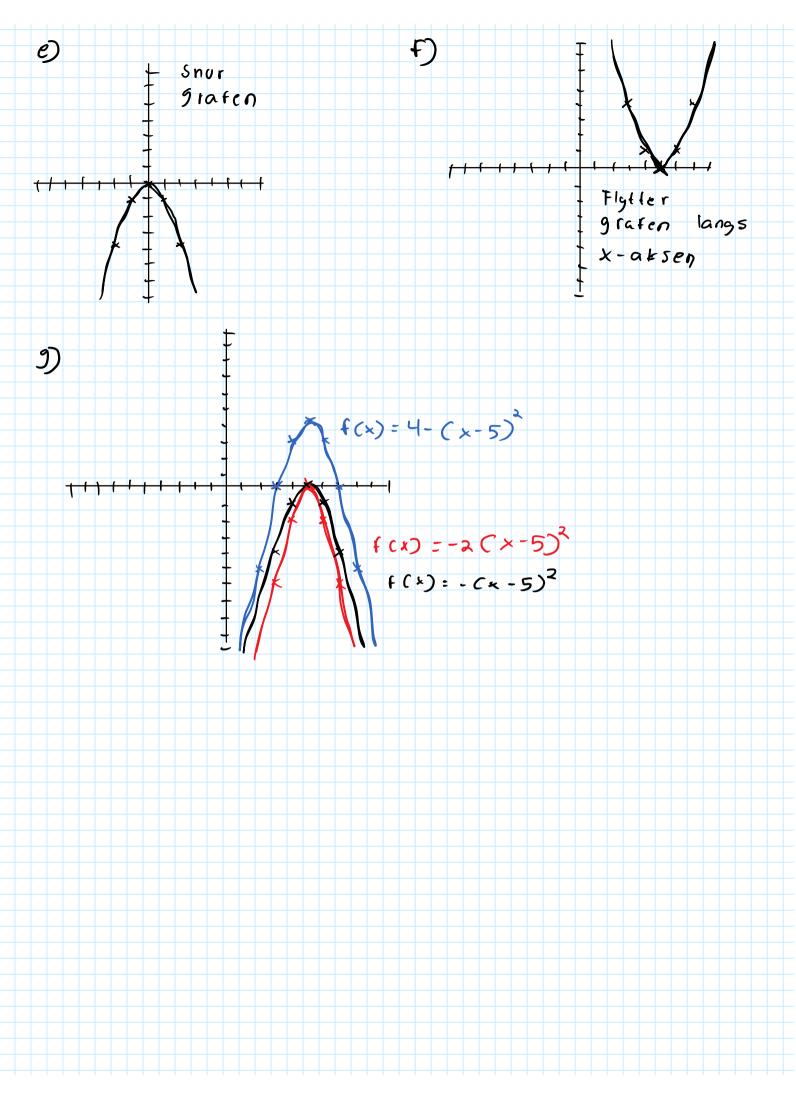
2.1.10 p2 > 49 x2 +px +9 = 0

 $x = -\frac{\rho \pm -\frac{1}{\rho^2 + 49}}{2}$ Siden  $\frac{\rho^2}{749}$  Vil  $x = -\frac{\rho \pm -\frac{1}{\rho^2 + 49}}{2}$ Siden  $\frac{\rho^2}{749}$  Vil  $x = -\frac{\rho \pm -\frac{1}{\rho^2 + 49}}{2}$ Siden  $\frac{\rho^2}{749}$  Vil  $x = -\frac{\rho \pm -\frac{1}{\rho^2 + 49}}{2}$ Siden  $\frac{\rho^2}{749}$  Vil  $x = -\frac{\rho \pm -\frac{1}{\rho^2 + 49}}{2}$ Siden  $\frac{\rho^2}{749}$  Vil  $x = -\frac{\rho \pm -\frac{1}{\rho^2 + 49}}{2}$ Siden  $\frac{\rho^2}{749}$  Vil  $x = -\frac{\rho \pm -\frac{1}{\rho^2 + 49}}{2}$ Siden  $\frac{\rho^2}{749}$  Vil  $x = -\frac{\rho \pm -\frac{1}{\rho^2 + 49}}{2}$ Siden  $\frac{\rho^2}{749}$  Vil  $x = -\frac{\rho \pm -\frac{1}{\rho^2 + 49}}{2}$ Siden  $\frac{\rho^2}{749}$ Vil  $x = -\frac{\rho \pm -\frac{1}{\rho^2 + 49}}{2}$ Siden  $\frac{\rho^2}{749}$ Vil  $x = -\frac{\rho \pm -\frac{1}{\rho^2 + 49}}{2}$ Siden  $\frac{\rho^2}{749}$ Vil  $x = -\frac{\rho \pm -\frac{1}{\rho^2 + 49}}{2}$ Siden  $\frac{\rho^2}{749}$ Vil  $x = -\frac{\rho \pm -\frac{1}{\rho^2 + 49}}{2}$ Siden  $\frac{\rho^2}{749}$ Vil  $x = -\frac{\rho \pm -\frac{1}{\rho^2 + 49}}{2}$ Siden  $\frac{\rho^2}{749}$ Vil  $x = -\frac{\rho \pm -\frac{1}{\rho^2 + 49}}{2}$ Siden  $\frac{\rho^2}{749}$ 

x11x2=-P 09 x1 0x2=9







dc+)= = = 10+ d'(t) = t - 10 ert = 0 - b t= 10 d(10) = 1 (10) -10 (10) -1 = 100 - 100 = -50 Etter 10 sekunder er han på bet dypeste på -50 m hCt) = -5t2 +10+ +15 hでも= -10t +10 h(1)=0-100=-5t +10+15 x = -10 = -10 = -10 = -10 = -10 = -10 = -10  $x_1 = \frac{-10+15}{-10} = \frac{5}{-10} = \frac{1}{2}$   $x_2 = \frac{-10-15}{-10} = \frac{5}{2}$ Etter 2,5 sekunder tieffer ballen vannek h(t)=0-10-10t+10 -10 10t=10-1 t=1 h(1) = -5(1) + 10-1 +15 = -5 + 10+15 = 20m Eller 15 er ballen på 20m, som er høyest