

13.3.100

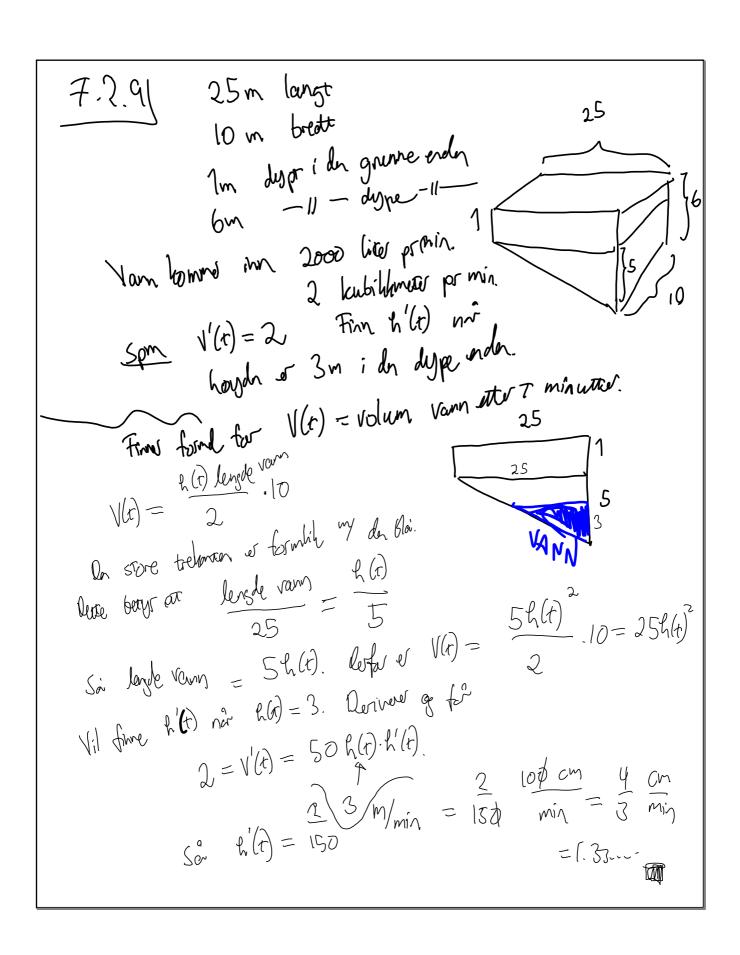
Sin 60 = ≈ 500?

Uten navn.notebook October 23, 2015

7.1.15) Trapes i sirkel m/ ene side a diameter i sirkeler For mahimate areal til trapesor. . On rade smeln har lengte r. · Hoyan:  $\sin \theta = \frac{h}{r} \sin \theta$ atto & . a: a = 2 1 42 lette es So  $A = \frac{2(+2r\cos\theta)}{2}$  (Sint) =  $(2(1+\cos\theta)\sin\theta)$ Donote  $A'(\theta) = i^2 \left(-\sin\theta + (1+\cos\theta)\cos\theta\right) - 66^2\theta + \sin^2\theta = 4$   $= i^2 \left(-1 + \cos\theta + \cos\theta + \cos\theta\right)$   $= i^2 \left(-1 + \cos\theta + \cos\theta\right)$ = ? (2 cos + (0s + -1)  $= \sqrt{(\cos \theta - \frac{1}{2})(\cos \theta + 1)}.$ 

No ha  $\theta \in [0, \frac{\pi}{2}]$ .  $\Rightarrow \cos \theta = \frac{1}{2}$ .  $\theta = 60$ .

So wax area of  $A(60) = 7\frac{3}{2} \cdot \frac{13}{2} = \frac{313}{4}$ ?



Uten navn.notebook October 23, 2015

$$\frac{76.7}{6.7} \frac{1}{6.7} \frac$$

Uten navn.notebook October 23, 2015

Find not 
$$\varphi$$
 of strongs volumely altragards. Find with the strongs of the strong

7.4.8 f hore, to going derivour

$$\hat{\zeta} = 9$$

Outside  $f$ 

Vis on  $g$  office of  $g$  of  $g$  derivour  $g$  at  $f'(g(g))$   $g'(g)$ 

Her alled  $y = f(g(g))$   $g'(g)$ 
 $f'(g(g))$   $g'(g)$ 

So  $g'(g) = f'(g(g))$   $g'(g)$ 
 $f'(g(g))$   $g'(g)$ 
 $g'(g)$