Of pane 25 5,52 
$$\binom{n}{k} = \frac{n!}{k!(n-k)!}$$

Vis at for all hele to  $1 \le 2$ 
 $\binom{n}{k} = \frac{n!}{k!(n-k)!}$ 

For  $n \ge 2$ :

 $\binom{n}{2} = \binom{n+1}{3}$ 

For  $n \ge 2$ :

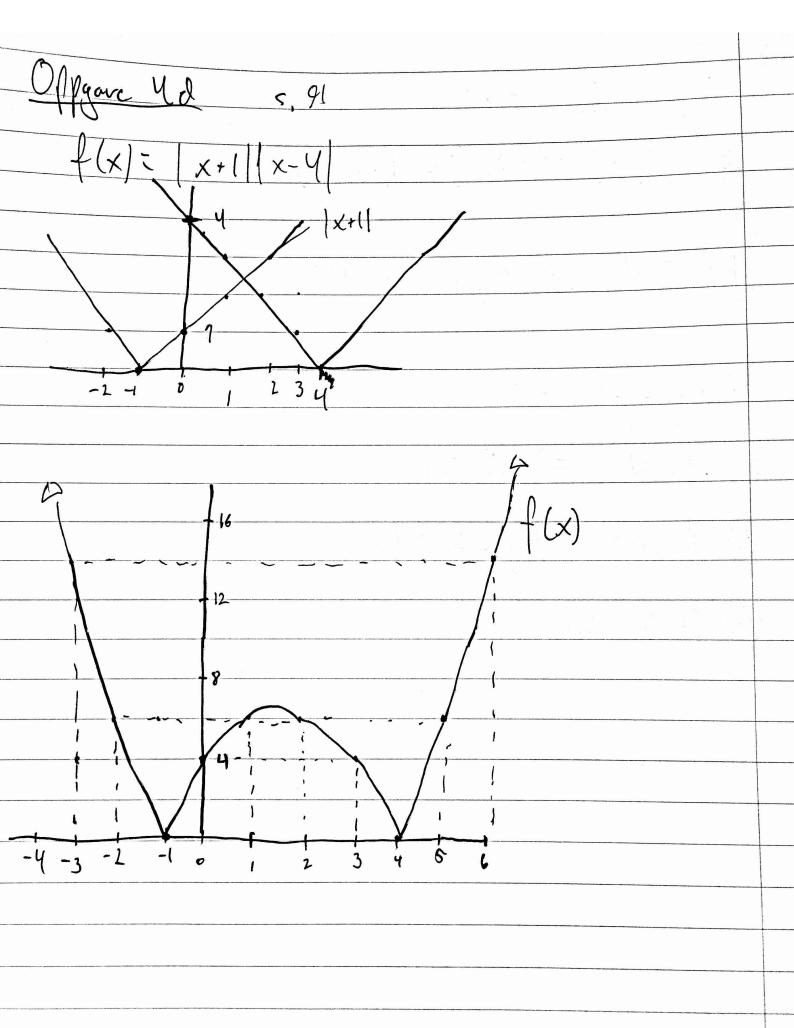
 $\binom{n}{2} = \binom{n+1}{3} = \frac{2!}{2!(0)!} = \frac{2!}{2!} = \frac{6}{6} = \frac{3!}{3!} \frac{(n+1)!}{3!} = \frac{(n+1)!}{3!} = \frac{(n+1)!}{3!} = \frac{(n+1)!}{3!(n-1)!}$ 

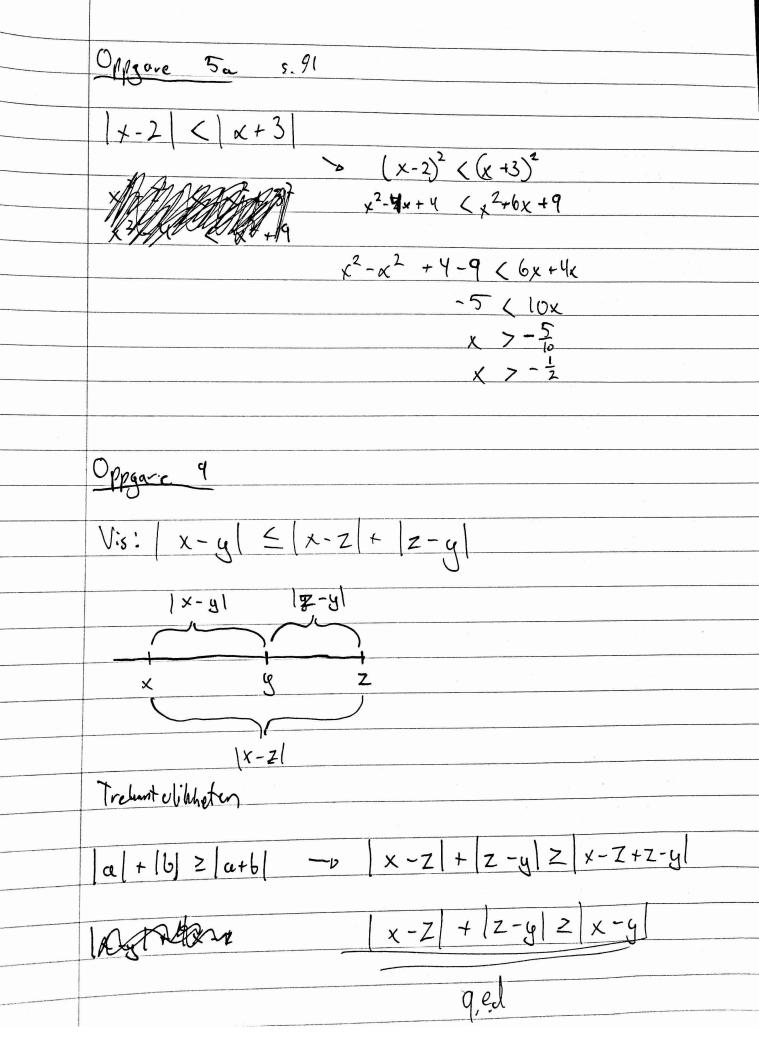
Anta

 $\binom{n}{k} = \binom{n}{2} = \binom{n+1}{3} = \frac{(n+1)!}{3!(n-2)!} = \frac{(n+1)!}{3!(n-2)!} + \frac{(n+1)!}{2!(n-1)!} = \frac{(n+1)!}{3!(n-2)!} + \frac{(n+1)!}{3!(n-2)!} = \frac{(n+1)!}{3!(n-2)!} + \frac{(n+1)!}{3!(n-2)!} = \frac{(n+1)!}{3!(n$ 

$$(3,4)\cup[-2,1)=(-3,4)$$

$$(1)(2,4)(1,3)=[3,4)$$





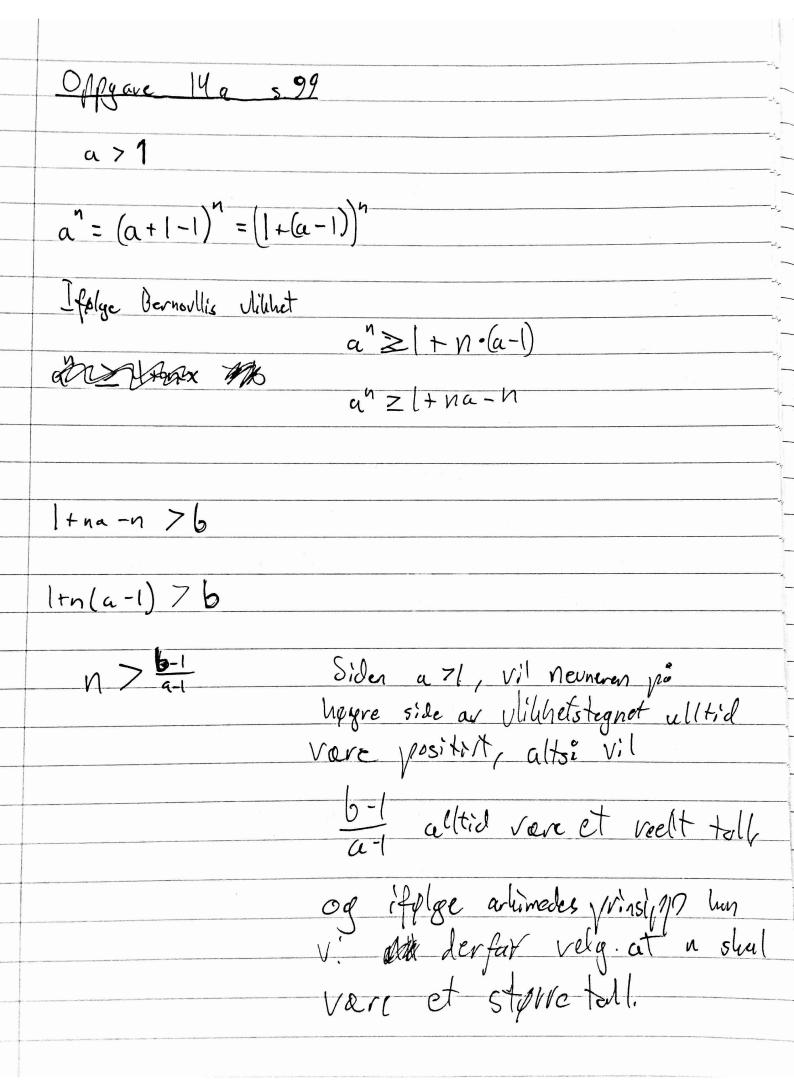
$$(\sqrt{5}+1)(\sqrt{5}-1)$$
  $\sqrt{5}$   $(\sqrt{5}-1)^2$   $2$ 

$$\frac{\sqrt{5}^{2}-1^{2}}{\sqrt{5}^{2}-2\sqrt{6}+1^{2}}$$

$$\frac{4}{2(3-\sqrt{5})} \frac{\sqrt{5}(3-\sqrt{5})}{2(3-\sqrt{5})}$$

$$\frac{4-35+5^{2}}{2(3-5)} = \frac{275+5}{2(3-5)}$$

$$\frac{9-3\sqrt{5}}{2(3-\sqrt{5})} - \frac{3(3-\sqrt{5})}{2(3-\sqrt{5})} - \frac{3}{2}$$



Oppgare 2 5. 105

(a) Ja, oppol begrevet til 1

(b) Nei, ingen oppul begrensing page.