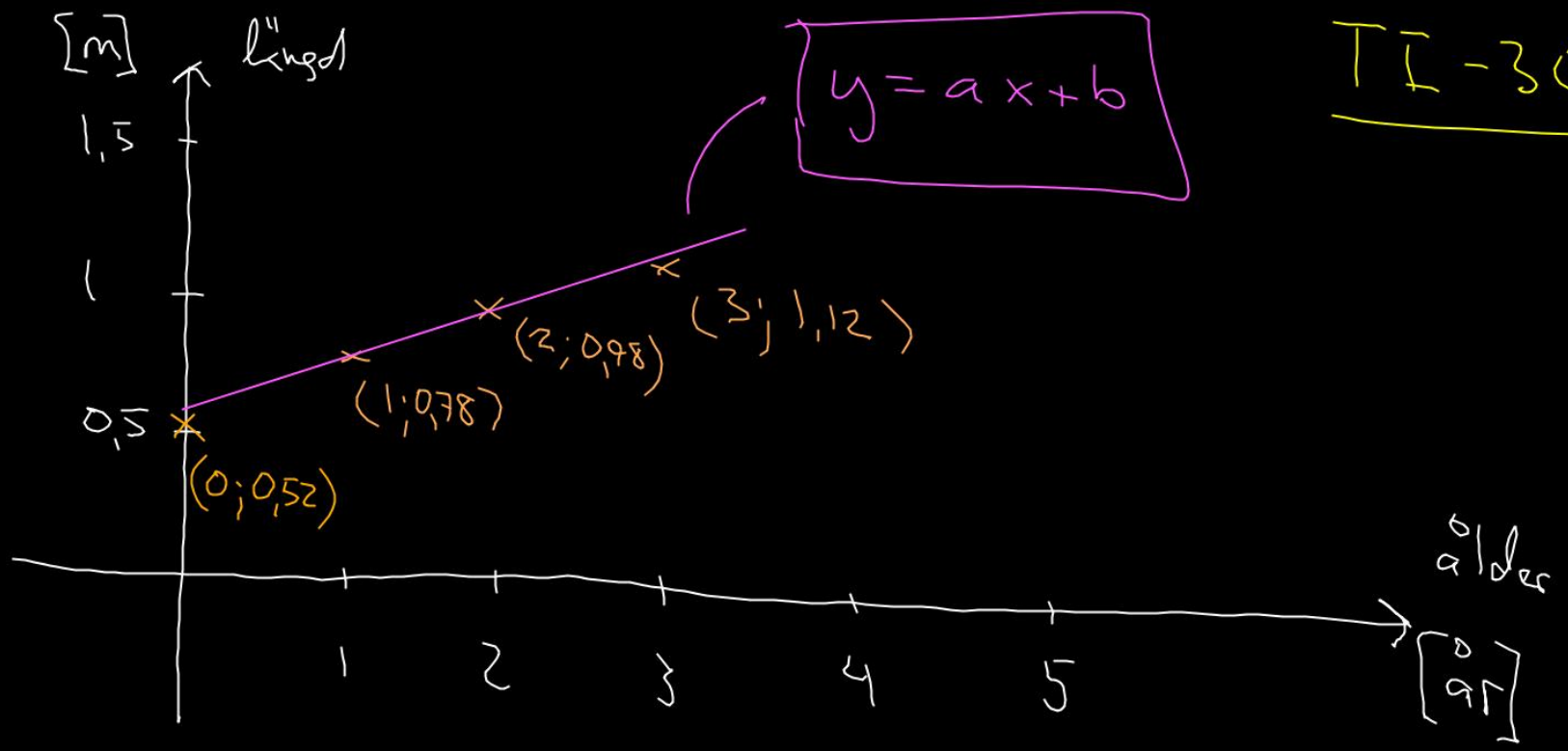
Regression = Anpassa en linje till mätvärden.

TI-30X pro



TI 30X LINE OF BEST FIT STEPS

1. 2nd DATA choose 2-VAR
2. DATA (enter data and use down arrow)
3. ~~STAT VAR~~
4. Arrow over to find
   a =
   b =
   r =
5. The equation of the line is y = **a**x + **b.**
6. Correlation Coefficient is r.
7. To predict use **a(predict #) + b**. *Estimated method*

$y(7) = 0,2 \cdot 7 + 0,55 = 1,9$

$y = 0,2x + 0,55$

$= 0,99$

2nd Data

↳ LinReg ax+b

$a = 0,2$

$b = 0,55$

$r^2 =$

Orimlig modell vid höga åldrar.

$0,99 \approx r$ = korrelationskoefficient. 1 = perfekt "överens 0 = ingen