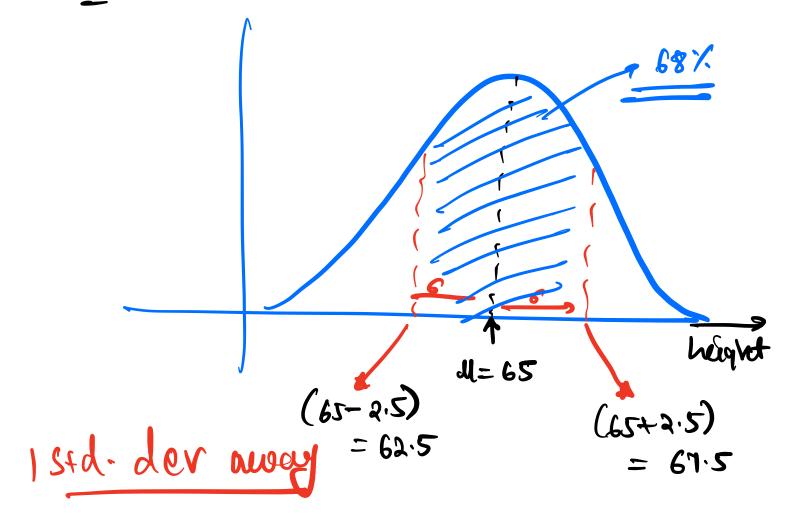
Prob Distri - 3

Agend	Gaussian Distribution	(Normal) Distri
Q	Emperical Rule	
	0.000	
4	PPF (Purcent Point	+undton)
	Ctandard Horman	Disim
6	Standardisation (se	me intuition

* Gaussian Distri Bell snaped Curre 4'8" 5'4" 5'10" 6'5" (

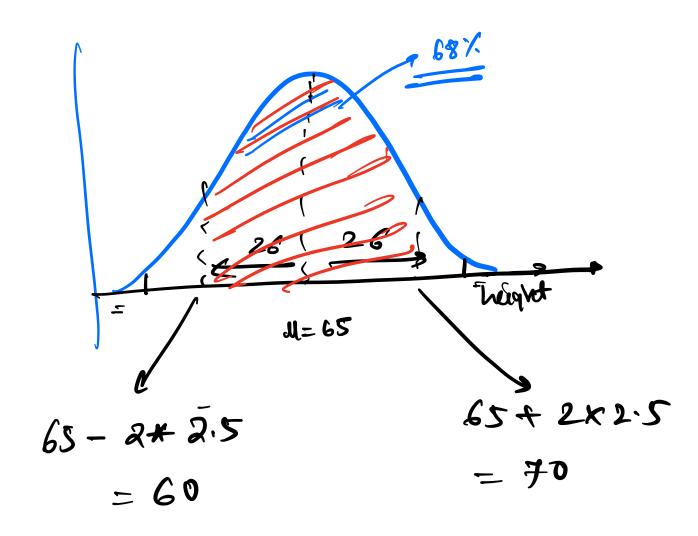
mean

(u) 4411



$$P\left(\pi-e < X < \pi+e\right) = 0.98 \quad \overline{(98\%)}$$

@ Two-std der



* 3-std dev;

P(u-36 < x < u+36) = 0.997 (99.4x)

$$\frac{911}{36} = \frac{11.5}{36}$$

$$\frac{91}{2} = \frac{11.5}{36}$$

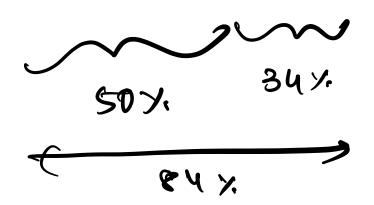
$$\frac{91}{2} = \frac{91.5}{2}$$

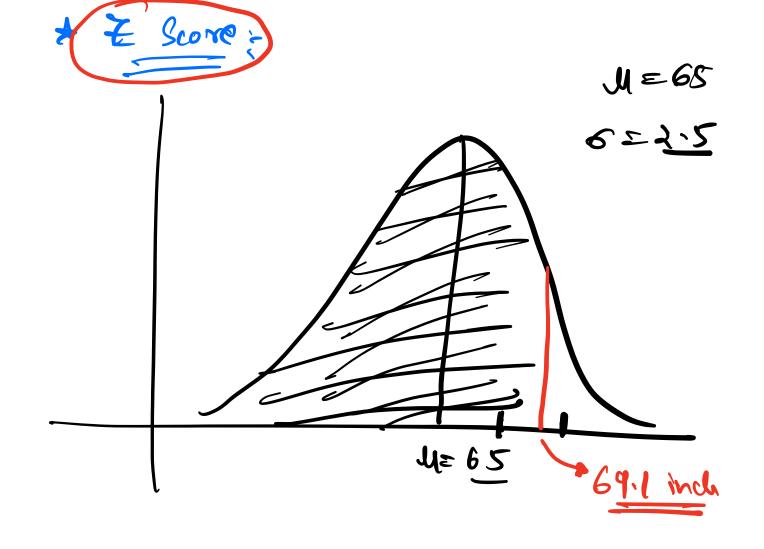
$$= \frac{91.35}{100} + \frac{11.5}{100}$$

Jus 2° M=65 6 = 2.5 57.5 60/ 65 70 72.5 64.5

Total -> 100 ×

loft $\rightarrow \frac{100}{2} = \frac{50}{1}$ (265) Right $\rightarrow \frac{68}{2} = \frac{34}{34}$ Read





$$70 = 65 + 2 + 2 + 3 = 5$$

$$70 = M + 2 + (SD)$$

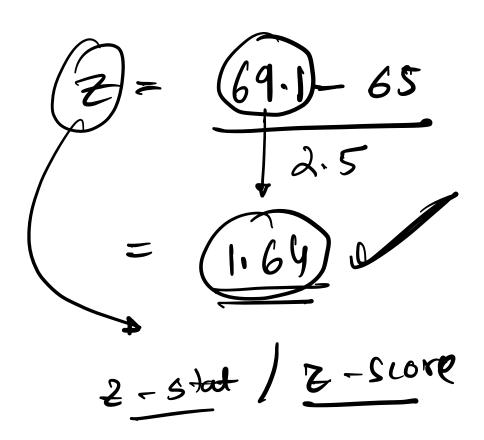
$$67.5 = M + 1 + (SD)$$

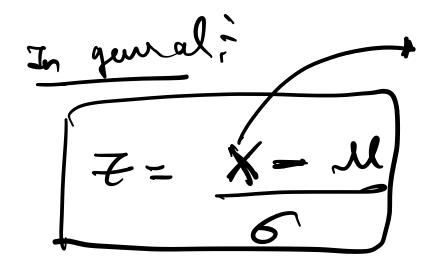
$$69.1 = 65 + 2 + (SD)$$

$$= 0.1 + 2 + (SD)$$

$$= 0.1 + 2 + (SD)$$

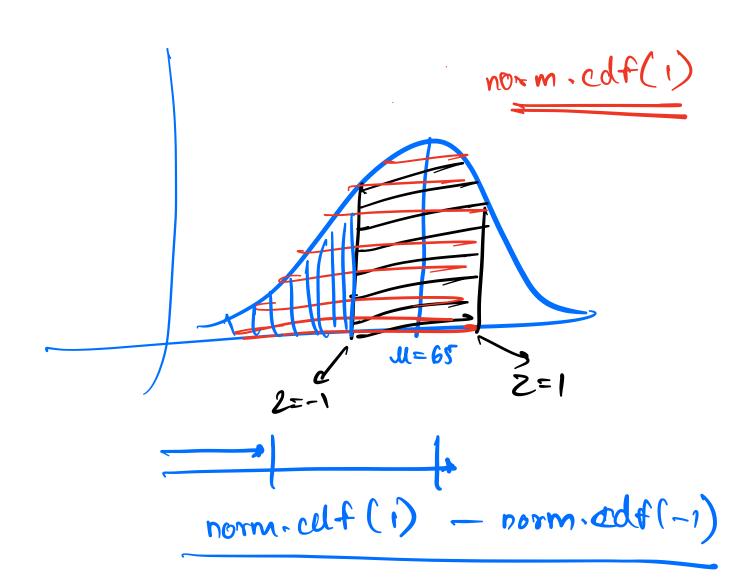
$$= 0.1 + 2 + (SD)$$



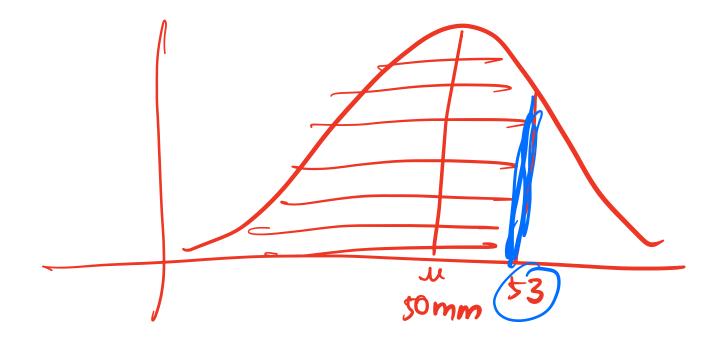


94.95% people over shorter than 69.1 inches





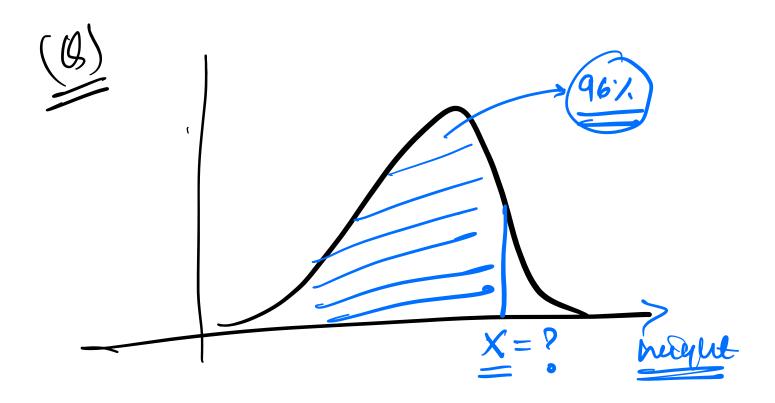
Juiz 3;



(2:1) Abs. mron

,

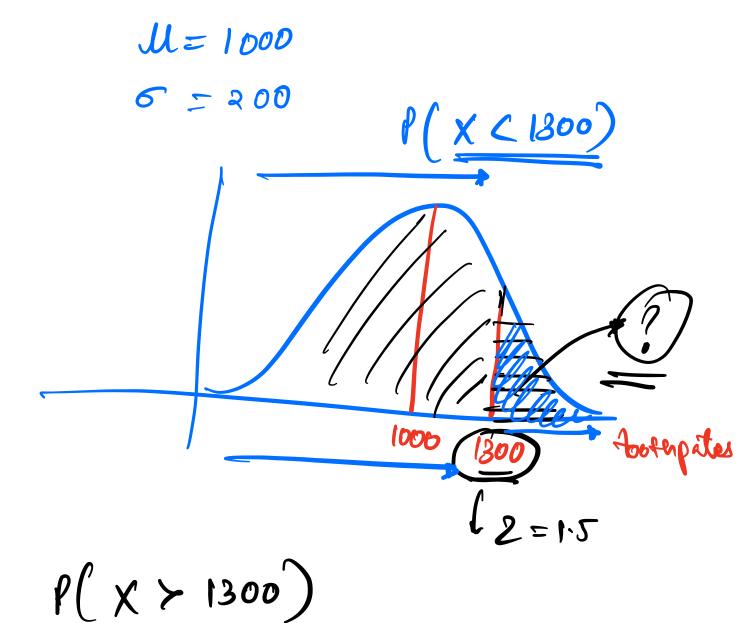
* PPF (Purcent Point function) noom. PPF (0.96) 2+6+ M



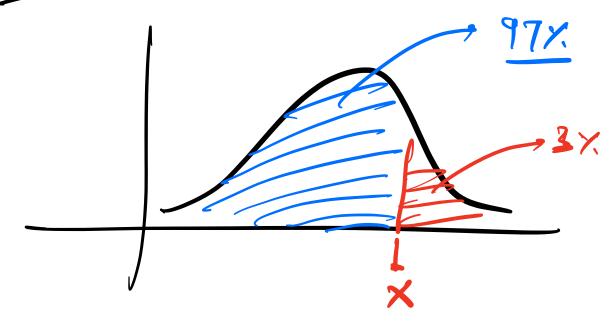
Quizy; Intervéew

251.7 = M-6 = 0345 d = 500m Speed = ? s.t faster than 95% of Cing Competabre. ME 0,24 Slower Han Jaster Hearn then 6.863)

(9) = X: weekly sales



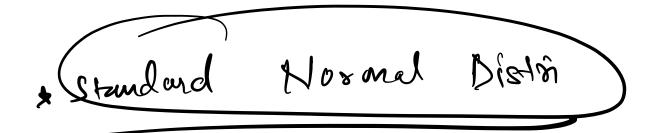
Follow up 9



2 - Score = norm. PF (0.97)

= 1000 + ppf (0.97) x 200

= 1376.15 toothpash



Stand andization