Bon 4. 33 O anjustituses nou proposations benefit to A unieru proteculo procesores genotius nos uponemymus (200, 800). Fusi gome es chegnes 3 horotus u grenopeuto.

$$M(x) = \frac{c_1 + b}{2} = \frac{200 + 800}{2} = \frac{200}{2}$$

$$D(x) = \frac{(b - c_1)^2}{12} = \frac{(800 - 200)^2}{12} = \frac{30000}{12}$$

Qui Bew: M(x)=500, D(x)=30000

Do empoired roupeposted postedurbe posteguétros follomens B usbecutes, emo es grenos cons postes 0,2. Montes un test une upobyto rhotenos becumens b a és opegnes stesa ten stesa, emo mosas aposes usa = 0,5? Ecua que, tesi quem es.

$$\phi(x) = \frac{(6-q)^2}{12} \Rightarrow 0.2 = \frac{(6-0.5)^2}{12} \Rightarrow 0.2 = \frac{8^2 - 2.8.0.5 + 0.5^2}{12}$$

$$D = 6^{2} - 40c = 1^{2} - 4.1(-2.15) = 1 + 8.6 = 9.6$$

$$X_{12} = -\frac{6 \pm 50}{20} = \frac{1 \pm 53.6}{2.1} = \frac{1 \pm 3.1}{2} = > [x_{2} = -1.05]$$

Quebeu: 8=2,05, 14(x)=1,275

B her poposteres curpositues becuretes X possiblegenetes tropulanotes of $(x) = \frac{1}{4\sqrt{257}} e^{-\frac{(x+2)^2}{82}}$ fuscione M(x), M(x), M(x), M(x)

Ourben: M(x)=-2, D(x)=16, 6=4

Phoem Espoemero me con times reposes X una un troparementa parapegauntica. Planta, chestació po em persona la traca, es chestas interes entres, e uno concon una protecta podemo e em las mobes especialmente moro, e uno conrecitar un orposocio esopostatario espoement remober una poem:

Quib pu: 0, 1587

6) Eonomo 130 cm

$$Z = \frac{180 - 174}{8} = 2$$

$$P(Z=2) = 0.0772 \implies P(A) = 1 - P(Z=2) = 1 - 0.0772 = 0.0228$$

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$$P(Z=2) = 0.0772 \implies P(Z=1) = 0.08772 \implies 1 - 0.0872 = 0.8415$$

$$P(A) = \frac{166 - 174}{8} = 2 \implies P(Z=1) = 0.0228 = 0.8185$$

$$P(A) = P(Z, 1) - P(Z_2) = 0.8413 - 0.0228 = 0.8185$$

$$P(A) = P(Z, 1) - P(Z_2) = 0.8413 - 0.0228 = 0.8185$$

$$P(A) = 1 - P(X > 166) - P(X > 182) = 1 - P(Z=1) - P(Z=1) = 1 - 0.1587 - 0.1587 = 0.6826$$

$$P(A) = 1 - P(X > 166) - P(X > 182) = 1 - P(Z=1) - P(Z=1) = 1 - 0.1587 - 0.1587 = 0.6826$$

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$$P(A) = 1 - P(X > 166) - P(X > 182) = 1 - P(Z=1) - P(Z=1) = 1 - P(Z=1) - P(Z=1) = 1 - P(Z=1) = 1$$

Ompen: 0 Bank

Ombew: 0,0242

Owbew: 0,0028

Quiblin: 0, 1587

Et us cuando cum (cheghun Maghamusters ommototuci)
cum dessennes poem unobeks, patturi 100 cm, om manomemus enoro omogistums poemos & nonquisque, o nomopoi $M(x) = 178 \text{ n} P(x) = 25 \text{ cm}^2$?

$$6 = \sqrt{10(10)} = 5$$

$$Z = \frac{190 - 178}{5} = 2,4$$

Ombern: 40 2, 4 cumun