Akash (Juiz 11) \$ P(D) = P(DIA) P(A) + P(DIB) - P(B) P(D) = .01(.1) + .05(.9)=.045 P(BID) = .05(0.9)/.045 Defective B = 1 100°10 12) Soil & Planting Conditions 13) A) meah = 0+1+5+5+8+11+13+13+10+6+3+1 =76/12 Mean = 6.33°C Var = (0-6.33)2+...(1-6.33)2 = 238.65 12-1 var= 21.69° L (6.33° ×9/5)+32=43.39°= mean 45/20 (21.69°c x 915) + 35 = 71.04°F Var 4) a) 14(25+1) = 71:72 = 71.5 1st Q1 314(25+1) = 88+86=87 3rd Q3 b) 87-71.5=15.5 IQR 5 () Min: 36 1st quartile: 71-5 Mfd: 78 3R2 quartie: 87 Max: 98 d) 87+(1.5x 15.5) 71.5-(1.5(15.5) Outlier=36

15)
$$34 \left(\frac{2(1)}{116}\right) = \frac{3}{12}\left(\frac{2}{11}\right) - \frac{1}{12}$$

9(1) $\left(\frac{3(1)}{116}\right) = 9$

12(1) $\left(\frac{3(1)}{116}\right) = 9$

12(1) $\left(\frac{3(1)}{116}\right) = 9$

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12(1) $\left(\frac{3(1)}{116}\right) = 9$

13(1) $\left(\frac{3(1)}{116}\right) = 9$

14(14) $\left(\frac{3}{14}\right) = \frac{1}{14}$

15) $\left(\frac{3}{14}\right) = \frac{1}{14}$

16) 0) Sum 5

6(36,45,54,54,54)

16) 0) Sum 5

6(36,45,54,54)

17(14) $\left(\frac{3}{14}\right) = \frac{1}{14}$

18) or even

21 (24) (11, 12, 121)

18) (14m) (11, 13, 15, 22, 24, 26, 31, 31, 35, 42, 44, 44, 46)

18) $\left(\frac{3}{14}\right) = \frac{1}{14}$

19. $\left(\frac{3}{14}\right) = \frac{1}{14}$

19. $\left(\frac{3}{14}\right) = \frac{1}{14}$

$$|7| = \frac{1}{3} \sqrt{3} \left(\frac{1}{12} \left(\frac{1}{2} \sqrt{1} \right) dy$$

$$= \frac{1}{12} \left(\frac{2}{3} \left(\frac{3^3}{3^3} \right) + \frac{3^2}{3^2} \right) = 1.875$$

$$= \frac{1}{12} \left(\frac{3^9}{2} + \frac{2^2}{3^2} \right) = \frac{1}{12} \cdot \frac{1}{12}$$

$$\frac{2}{x=0} \int_{x=0}^{1} \chi(3/4)(-\chi^{2}+1)dx = 9/16$$

$$= \frac{2}{x}0.5625$$

$$(0 \vee (\chi, Y) = \mathcal{E}(\chi - \mathcal{E}(\chi)) \times (\gamma - \mathcal{E}(\gamma)) = \frac{3}{(\chi - 0.5625)(\gamma - 1.875)}$$

$$\int_{x=0}^{3} (\chi - 0.5625)(\gamma - 1.875)$$

$$\int_{x=0}^{3} (\gamma - 0.5625)(\gamma - 1.875)$$

18 a)
$$P(x=0) = .35 + .10 = 0.35$$

$$P(x=1) = .10 + .35 = 0.35$$

$$P(x=2) = .36 + .10 = 0.30$$

$$P(y=0) = .35 + .10 + .30 = 0.45$$

$$P(y=1) = .10 + .35 + .10 = 0.45$$

$$E(x) = 0(.35) + 1(.35) + 2(.30)$$

$$E(x) = 0(.35) + 1(.45) = 0.45$$

$$E(x) = 0(0)(.35) + 0(1)(.10) + 1(0)(.10)$$

$$+ 1(1)(.35) + 2(0)(.30) + 2(1)(.10)$$

$$= 0.45$$

$$E(x) = 0.45$$

$$E(x) = 0.45$$