Equal south =1 k²- 4,2,2 5) h = ±4 Am. 2. a) 0.81 1,2 = 2 2.8-0.8 = 2 P) 34 25-3- 25 3+252-3-52=52 77373

No.

1. 2nd line 2 = 0

3.
$$\frac{1}{3} = \frac{3}{3} = \frac$$

$$\frac{A0}{0R} = \frac{3}{2} = \frac{A}{E}$$

10. Mos (AP) = = Non 1 11. P(E)=1-0.03 p(&/= 0.023 12. Parallel 13.

16.
$$\lim_{x \to 30 + \cos^{2} 60}$$

$$= \lim_{x \to 30 + \sin^{2} 30}$$

$$= 2 \lim_{x \to 30} 30 + \lim_{x \to 20} 30$$

$$= 2 \lim_{x \to 30} 30 + \lim_{x \to 20} 30$$

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$$= 3 \lim_{x \to 30} 30 + \lim_{x \to 30}$$

20. h=30 km30 B 3 = 30/13=10 BAn. 2١. N'= Rasp 12 - 3 42 X3 h 1'= 15 AB = Stp B (= 547 AB+ CD= ptytrey AD+B(= properts.

AP= 12= AQ. R6 = 30 cb = CD AR+BD+(O+AC = AD+ BP+ AC+ CQ = AP+AQ= JAP= JhA

B 2h R AB = AD PC

RD - PC

PC

PC

PC 5+2572 Pa combrediction

Substitute

Combrediction

Combrediction 25.

26 b
$$12^n = k \times 10$$

=1 $\frac{12^n}{10} = k$. Guladicking

26. Gos ($\frac{8 \times 1}{2}$) = Gos ($\frac{10 \times 4}{2}$)

= Gos ($\frac{90 - \frac{4}{2}}{2}$) = Air $\frac{4}{2}$

27. ($\frac{10}{2}$) Gos ($\frac{90 - \frac{4}{2}}{2}$) Gos ($\frac{90 - \frac$

 $= \frac{1}{2} \left(\frac{1}{1} - \frac$

$$= 38 \times -25$$

= 19 $\times -470$

$$P_{\sigma}(\chi_{\pm 1}) = \frac{1}{6}$$
.

$$N_{8}(7=8)=\frac{6}{6+110}=\frac{6}{20}$$

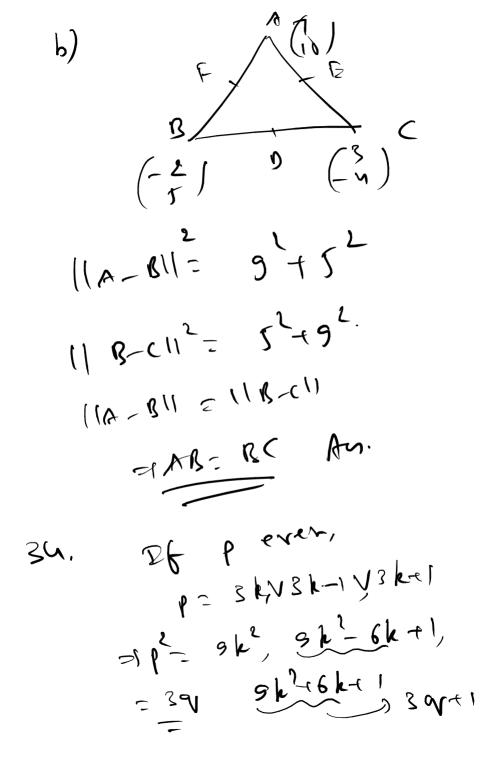
$$V(\lambda = 0 \mid \lambda \neq 1) = \frac{10}{3}$$

$$(ii) \quad \prod_{i} (Y=0|X=1) = \frac{3}{6}.$$

(ii)
$$P(Y=0|X=1) = \frac{3}{10}$$
 A
32. a) $P=1 = \frac{1}{3} = 0$

2)
$$p = 5$$
, $q = 12$.
 $q = 12$
 $q = 12$
 $q = 13$
 $q = 10 + 2y$
 $q = 10 + 2y$

up-go 8



35. a) n+72 > 544 レタームターリス =1 x-3=8. n=y2-2ny= 5hn-2ny = (m-y)= 5un-2my= 64 コ ションニ いもい ニュ マラーマルロ・ (n+y) = sun+ 2ny = 2nn + n80 = 102h >1 my = 32. 2 5 m a= 20, y= 12 Am

$$\frac{24}{18-\pi} = \frac{1}{19+\pi}$$

$$\frac{24}{19+\pi} = \frac{1}{19+\pi}$$

$$\frac{24}{18^{2}-x^{2}} = \frac{1}{19^{2}-x^{2}}$$

$$= \frac{24}{18^{2}-x^{2}} = \frac{1}{2}$$

$$= \frac{24}{18^{2}-x^{2}} = \frac{1}{2}$$

$$= \frac{48+\sqrt{18^{2}+4\cdot 18^{2}}}{2}$$

$$= -\frac{41+60}{2} = \frac{6}{4}$$

= n ben 60 = n kam h S (hup) (66 60 = h 66 45

2) p Coh 60 = h (Cohus- Coh 60)

6 65 60 or ho GE 45- 66 60 1.6 × 1/13

 $\gamma(x) = 2n^{-}n^{-1}$ $\gamma(x) = \frac{1+8}{1+8}$ $= \frac{1+8}{4} = \frac{1}{2} Ax$

2 - ung 1 - 32 32 - 627 h) - 223+82+16m LN2-1024) - 5x2-1207-400 10x - 33.p(n) ksbr added is
- 10m +31. Total volument balls = \$ 2 (00) 2 × 3999 これとしてとう = 1500m Volume of water rise = 1500 x 5 x 10 x h = 1500x =) h= 15cm 40. hiangles.