Y: Wildowsold  $d = X_6 - Y_6$  $\times [4]0001441411$ Stops: if right + right) - Complement yn of 2

wight (1) = 1 2

complement yn f2

yn

(1) = 0 3

complement yn f2 7. (0/0/c/0/1/0) 1 Sop 1: Page of 10: estiffed del Sop 3 then a toldy with a way of 10 in made 11; included of 0.

> presence into by the grant of 2.

You = 10.11 1 d = -2

You a = 1.01 1 1 1 0 g n YMC2 = O. L. Stop S. Hold the 2 night was:  $2n = X_{17} + Y_{12}e$ I night  $y = n_{12}e(y)$ I night  $y = n_{12}e(y)$ If night  $y = n_{12}e(y)$ If night  $y = n_{12}e(y)$ If not  $y = n_{12}e(y)$ If  $y = n_{12}e(y)$ I can be guessiant  $y = n_$ Xu = T. TOO! 110 Stop 6: Pre-normalisation: according to Knowle

I'm nection 23 => deformine ?? In product ??

- If ?==? => Epyte (2-2=6) AND ?y requires I'd Bolyk

= OVER From

- If ?==? Epyte (1) AND ?y requires I'd Bolyk

2n = 1 . LOO ! L ! O

lake 2 (abady normalised) ?

2n = 1 . LOO ! L ! O

lake 2 (abady normalised) ?

2n = 1 . LOO ? E = 4

2n = 2 . Loo ? L ! O

Stop - (Calculate & Security & Sour rule 1.3.2

Rule 2): R = q = L

Sent: Round to 8n = according to the rule 6 h. 23. S= 1/2 OR a = L QR 0 = L

Stop 8: Round to Rn according to the value in 23.

It remarkly governity, Cut = port - Norwellistic

Port normalistic. I to L OSA/L

Consider named to warrent and much

if (R MM (S OR 20)) Han 27 m + 1

R = L

Port = L MM (L OR 0) = 1 = 3

Pour = 27 m = 1.100 + 57" = 7.700+ TM (1080) = 7-3 By = 1.10 \\

No any ant = vr pot moderals

Sop 2 (alculate night of neuth

- if asym (x) = asym(y) = sign(x) = right) = right(x)

- of cigm(x) = right(y) = sign(y) asym(x)

(Sop 2) 11(Sop 2) right(y) vigh(y) right(y) right(y)

150 4ES ngu (2) = ngu (4) = (uttal ngu) YP8: Stoplo: Pa P. (1816 1 2 10 14)

For fundament of Br

Voilly: X = 0.562 (= -3.70.

Models: 2= x = -3.1875 (befinate procession) Umpocla (1000) (1010) [ 2. (1/4,100 ) 1/4,10) 1.1 2-(1/4,20-400 x 8/12(1) x24-3 x (.10(=-2 x (.0)=-2.25) =-3.25) -3.125 -11.0L -3.177 -11.001 ---Chapter III Ferretical brodynis & Syntimbs
of Bohony Multiplication Devices
3.1. Multiplication withouts
Y= multiplicat X= multiples
P=X\* X= 11 > Y=12
a) poper & pencil
1.00 - - - - Y W investment: -2, 4-bit register for x, y -multi-operate order (CSA) = laborg M
-multi-operate order (CSA) = laborg M
-multiplement garling
b) heep for the partial products | 10 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 4,72-P