A.R. TUTURIALS Eulid Divided = diviso XQ+ Render Theren !! ant [a=b2+r] Find HCF UST 242 42 /455 UST = 42×1+ 35 42 = 35×1+7 35 = 1×1 +0 A.R. TUTORIALS 30542014 420=30×14+0 360, 28 360 = 28×12 + 24 28 = 24×1+ 4 24 = 4x6+D MCF =

TJ 2nd class A. R. TUTURIALS find Hos 2 EXIVER 135)255 255 = 135×1+120 120 /130 (8 135 = 120 X1715 L 120=15X8+0 [HCF = 15] Exton. Express in the linear form 15= 135-120×1 1 455 = 42x1 +35 15 = 135 - (251-131) 42=35×1+7 15 = 135 - 255 +135 A.R. TUTORIALS 35 = 7×5+0 15 = 2×135 - 255 7=42-3,171 15 = 135x + 2559 7= 42- (455-4241 カニュノリニーリ 7=42-455-442 Have Mark of 7=2X42-455 7= 422(+4554) カニマ, リニー1

A-R-TV-TURIALS

Fryle 2 Lot a be any Popitre integer ad 6=2, ad. - a = 69+8 a=29+8 0 < 8 < 2 put 8 =0 | put 7=1 a=29+0 [a=29+1] gt individing by I gt inodd - gt in even P.R. TVIURIALS 49-11, 49-13 Let a be any tre, integer and 5=4 a=49er where 0515 pw 1= 0, a=4920, =49 Put =1 put =2 a =42+1, a =48+2 bM1=3 9-49-17 Clerky 49 249-12 one divish by 2 -4241, 4243 are odd integun

A.R. TUTURIALS

it a be am tre integer & b = 3 -: a = 39+0 whole 0 = ~ 2 3 りみるこり 1 W 8=1 a=38+0 a=39+1 a=32 $(a)^2 = (32+1)^2$ Sq buth side (a) 2 = (39) a2=(38)2+(1)2-12+38×1 $a^2 = 92$ a2= 992-11 + 69 a2 = 3×392 a2 = 992+69+1 a = 3m [A.R. TUTORIALS] == 3 (32+22)+1 Where m=392 =3m+1 pw ==2 Where m=392+29 a = 39+2 Sq. both hall (a)2=(29+2)2 a2 = 138)2+12)2+2×38×2 = 992+4+122 = 992+121+ y = 992 +129 + 3+1 = 3(392+49+1) +1 = 3m+1 When m = 39 +49+1 ARTUPDRIALS

We a bor any (+v-e) integes 2 b=3 a=38+8, whose 05823 1W Y=0 a = 32 Taking cube both boy (a)= (39)3 a3= 2793 a? = \$7323 a3 = 9m whom m = 323 P. R. TUTURIALS a = 3941 Taking which both so de (as) ± (39x1) = (32)3+11)3+3(32) x1+3(32) (1) = 2793+1 + 2792 - 1 99 ~) =(38) 3+12)+3(39)×22 +3(39)(2) = 279 3+2792-199+1 = 9/397+392+8)+1 = 27934875492736L = 7m +1/2 == 9+31 = 2797+ 5492-1369 + F 1Wx=2 a=39+2 =9(32)+692+48)+8 (a) = (9+2)3 when m = 383+692-140

A.R. TUTURIALS

a let a be any tre integer inhuly

a= 59+8 who 0 = 8 < 5

a= 59 PW r=2

PW r=1 ==39+2

a=1941, PU =3

DW Y= 4

a=19+4

A.R. TUTURIALS

clerky 59+2, in divish by 2 59+44 59+2 and odd integer

59, 59+1, 59+3 and integral