

· Clain: 0 = ¿ Ta: y: 27 / xy + y2 + xz = \$? is an axal	
Porof!	
. First note that he intersection the any line I and	0 3
gover by a quadrate cognostien I has at most	
- point at 0 no three points of 0 are allinear.	
	* A*
Next: Court point [x:4:2] E.	3
Couse 7' x 20	(lact not both)
Then, (x:4:27 c) iff 42 =0, so eight 4=0 a	3-0 -
- This gives 2 points (0:0:17, To:1:07	i ya ya wasan w
- The state of the	4.00
- Cose z: x=0.	4
- Resolving ue con assure x=1, then I'v. I'y: 2	3 EB.
- if	
- Y+45+5=0. => Z=- Y+1	1 per start
- This gives 9-1 point since year 4=-1 is no	good -
	Commercial Ca
- In tolar, the is get points, i O is an avail.	
	50x 1.0x 2 6
- Exercise: If get; dean almost that O WEI:1:1	35
- is a hyperaid.	at in the
Markey The good and I have I	
- the first property to be had to problem and the to	2 1 3 C C C
1 - 40	

Constitution Squares:	
Delin A laster sque of order n is an non an utrach every row and every other is a pometation than answer.	ray in
which every row and every oferm is a pometastion	of Inj
the source	
Example:	
1 2 3	
3 1 2 is a later squee of order 3	
12 5 1-1	
Y \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Exemple: Multiplication tesse for any group	
tale las iva	
Whole Wouradian nachtungherenbyrin bar	returj
Notahin' We will either use!	
- Madrix Mitartia:	
dr. = 6.1	
-ch-	
= 10 to xoy for endy in row or coly.	
"This tof o as a strang operation"	
	S Prog. 18
Delin it loutin square is idenpotent if xox=x	
crampe. The last some sure of and identification	
the Following is:	
(1-3 5	
351	1 - 1
213:	

Defin 1	lasti square is symmetric if xoy = 40 x.
Excupe: (lanto aguaro is symmetric it xoy = 40 = c.
Come &	symmetre dempotent ladir sque of
color n	El nic odd
Books	
(C=) <u>TP</u>	n is odd, define xoy = xey (meid -)
(5) C	ordy another the ret of point [x,431 xoy=13
	Yorke! Cont have last
	element. (sonce they one (ots)
	4-element 7: DC ox = 1
II a	ladi squere is symmetre and identitent, hen
this sot	ordering Institute and my pours So, m
is odd	TT
44	
缆	
2	