

# Cones grids - to practise keeping the MAP SET

Progression:

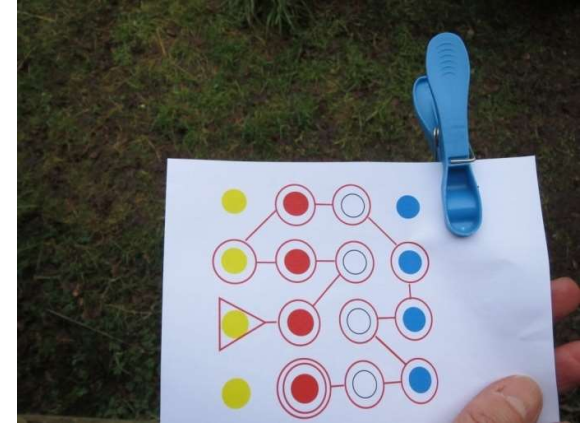
1. 3 x 4 grids with coloured rows, right angles then diagonals
2. 4 x 4 grids and from coloured rows to mixed, again straight lines to diagonals.
3. Then remove some cones from the map so only those to visit are shown.

Initially, participants should set map by colours of cones seen. Then introduce concept of “North”, marked on later grids with a red line; mark a wall or fence as “North”. Optionally, place a peg on that side of the card so you can see more easily that it is being kept set.

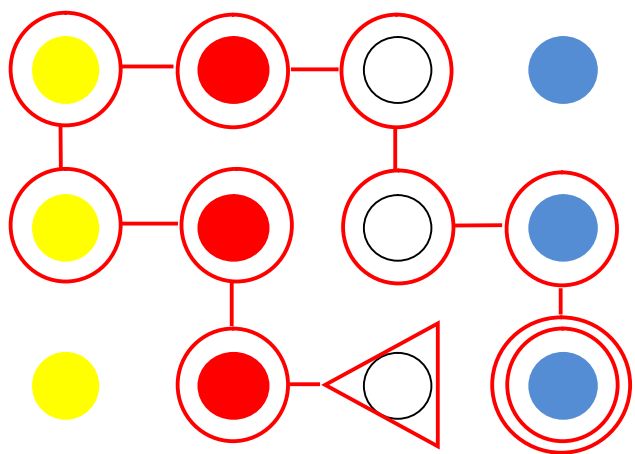
Use blanks to make your own routes.

Suggested routes are identified with an UPPER CASE LETTER (A to U).

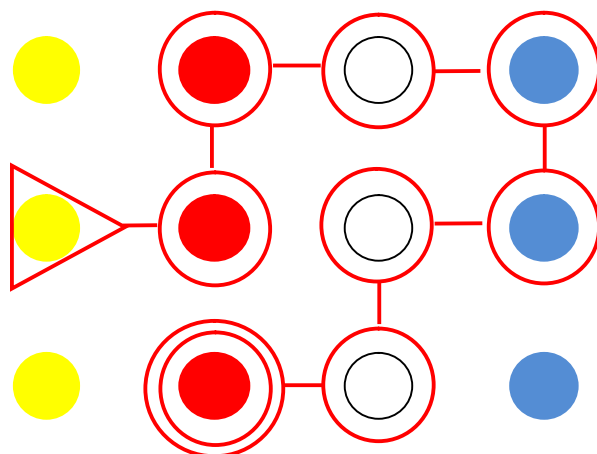
Optionally, use supplied plans (labelled W, X, Y and Z) to lay out grid with specific numbers or letters at each cone; add up numbers or make words. Answers for each route on each plan are supplied.



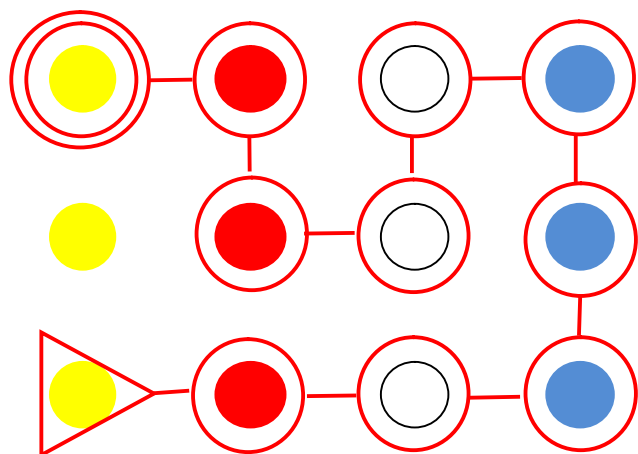




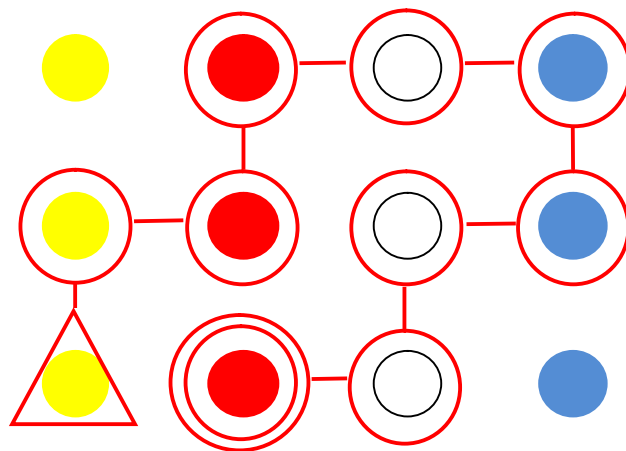
**A**



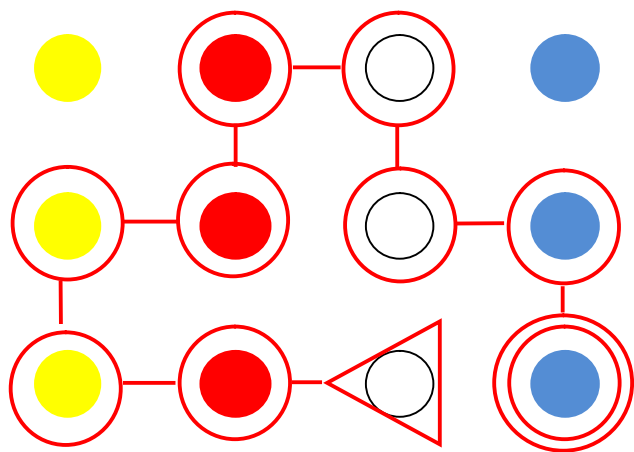
**B**



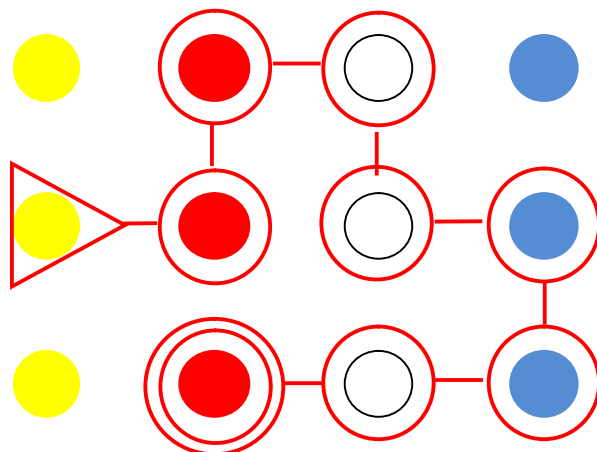
**C**



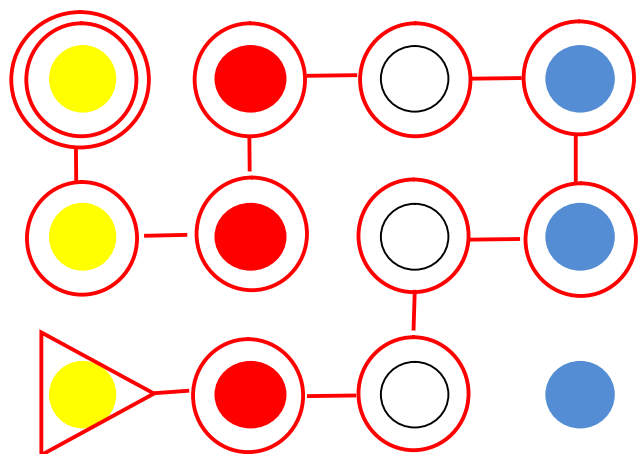
**D**



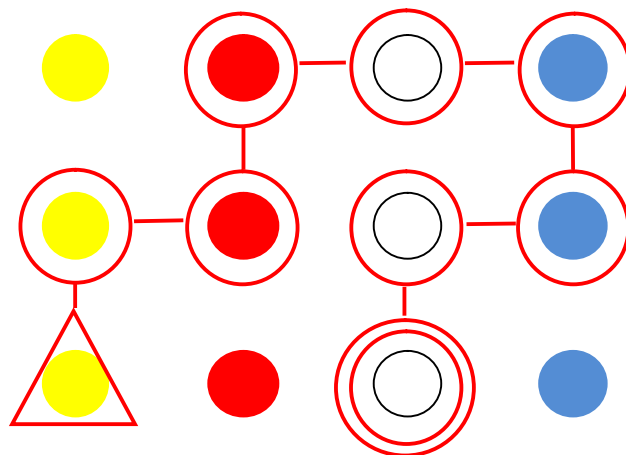
**E**



**F**

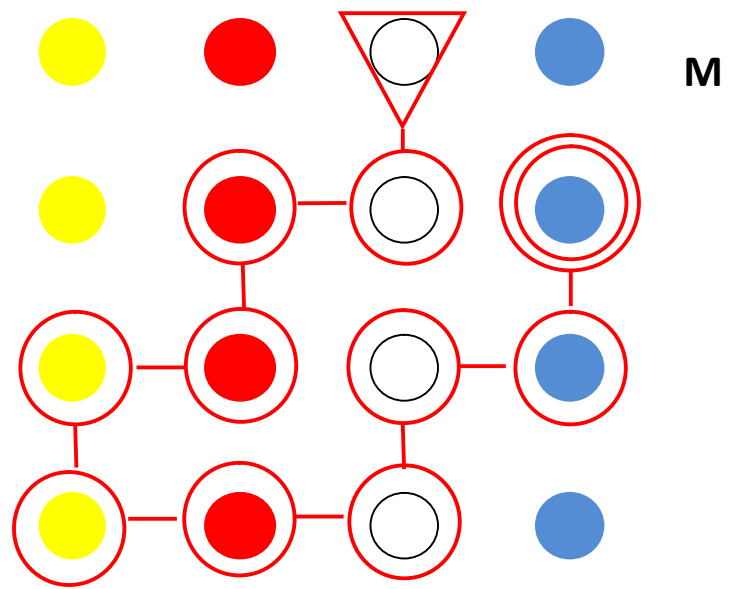
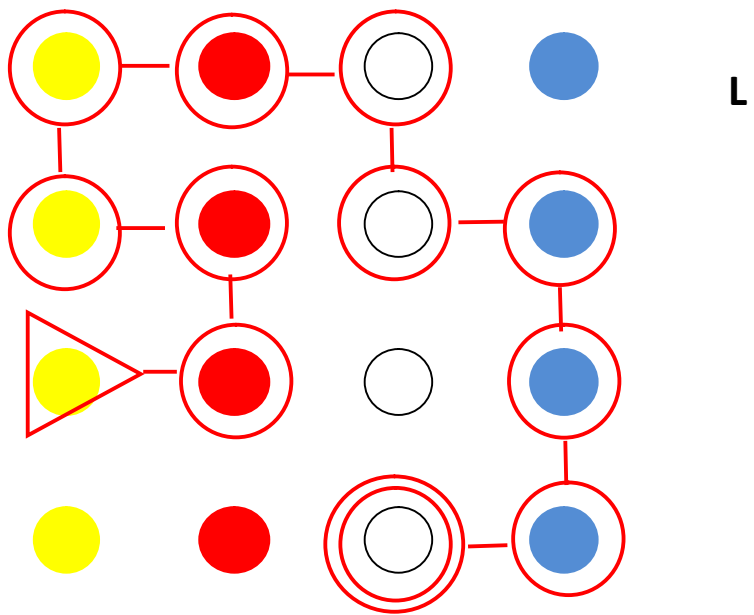
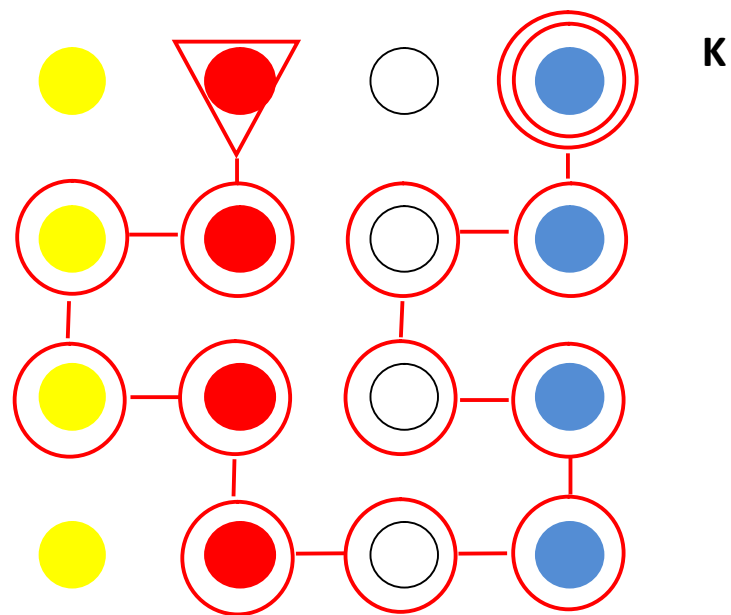
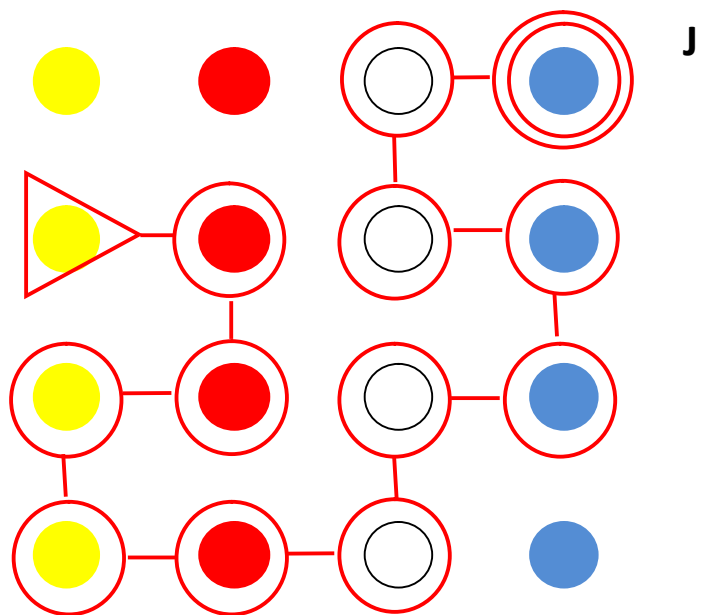


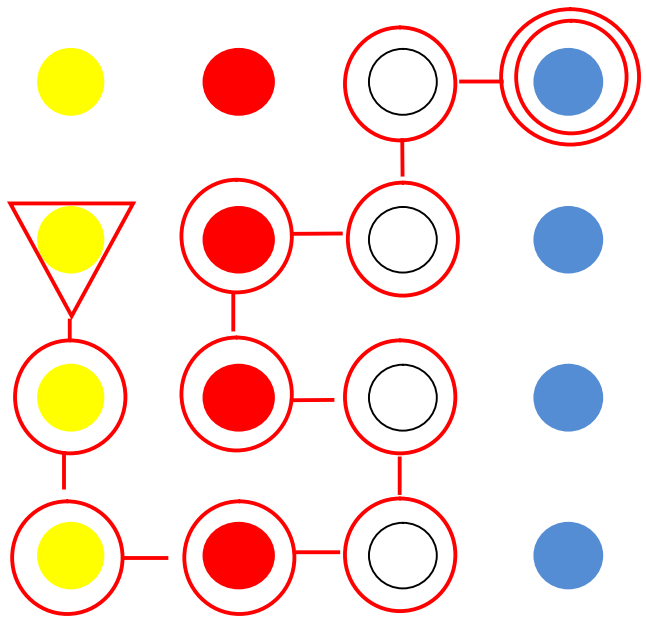
**G**



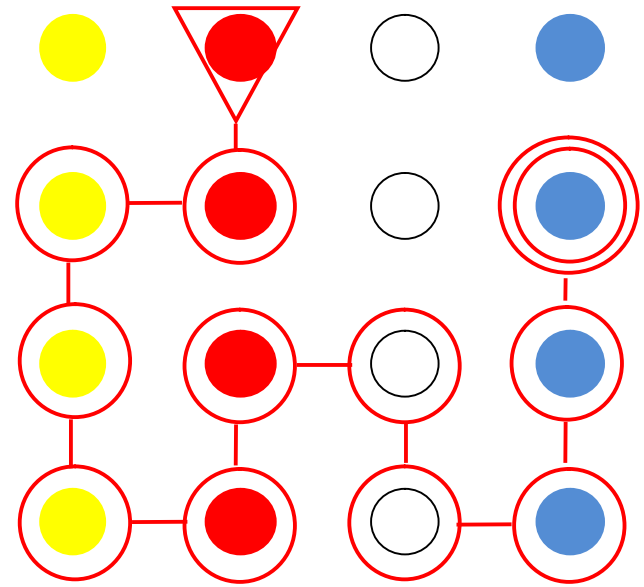
**H**



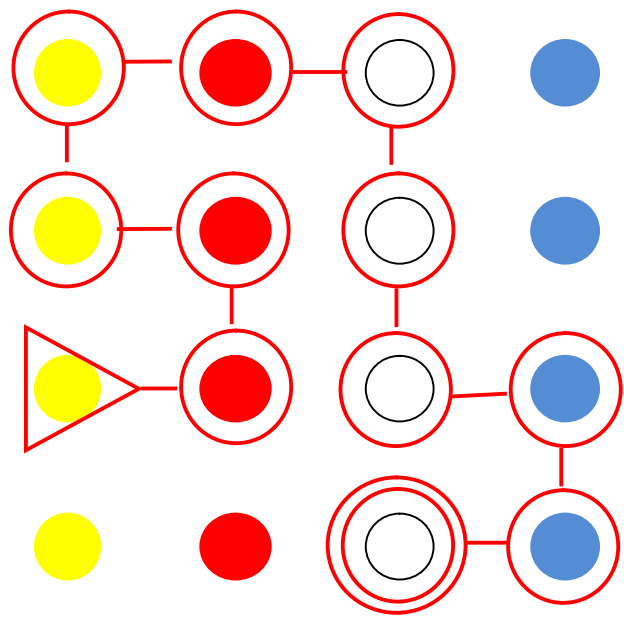




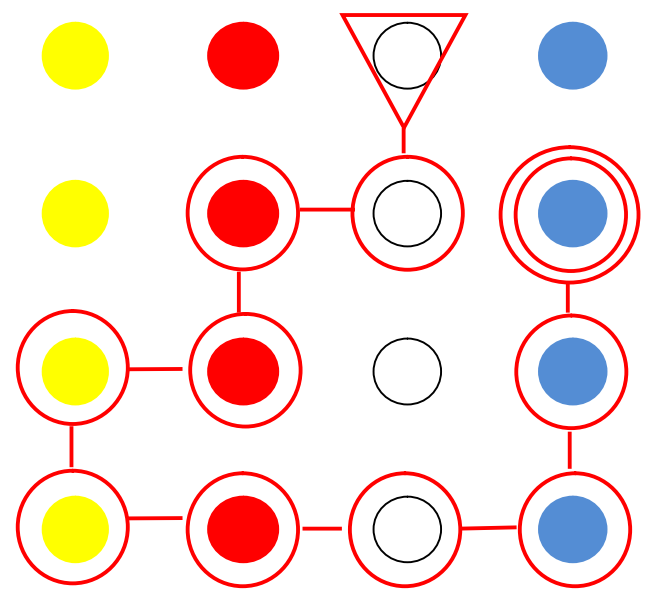
N



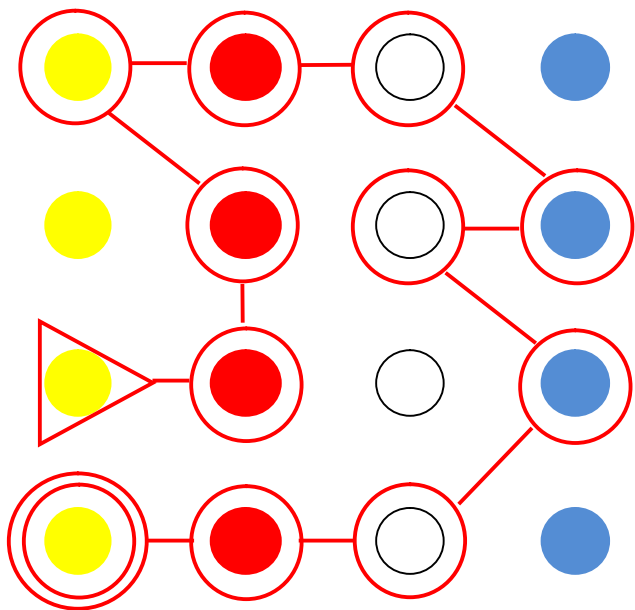
O



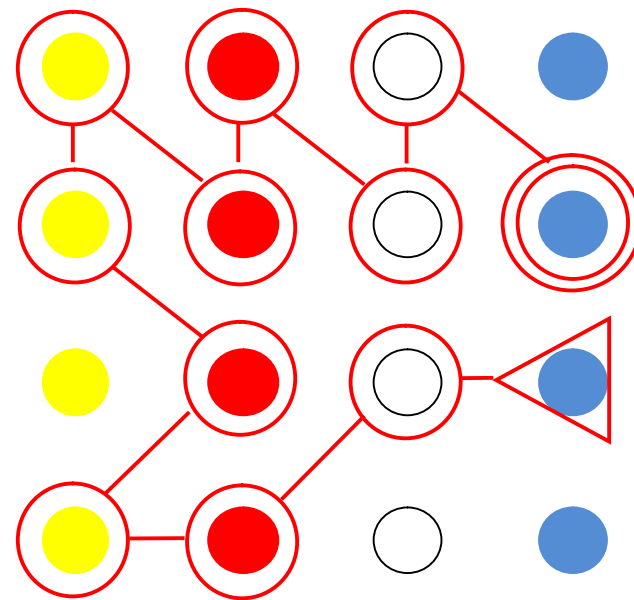
P



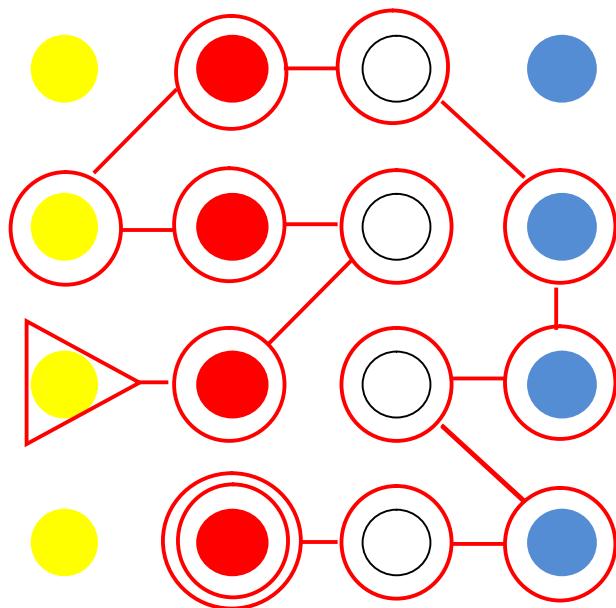
Q



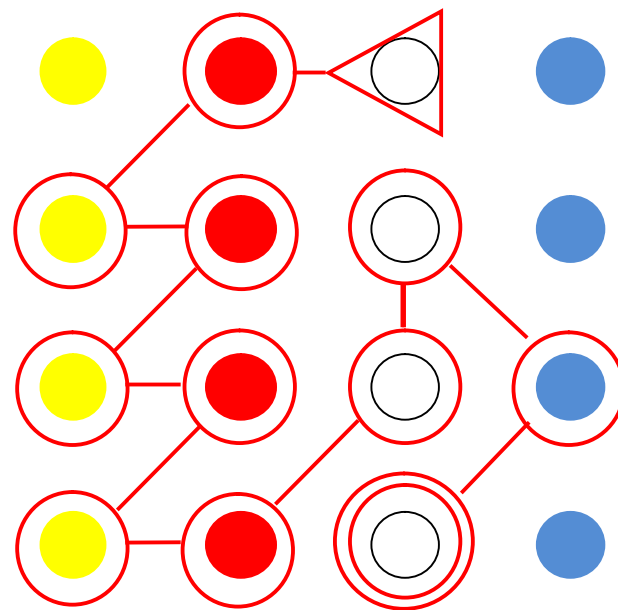
**R**



**S**

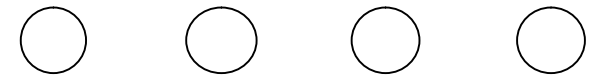
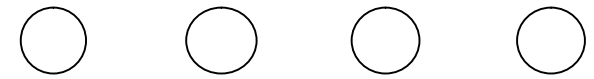


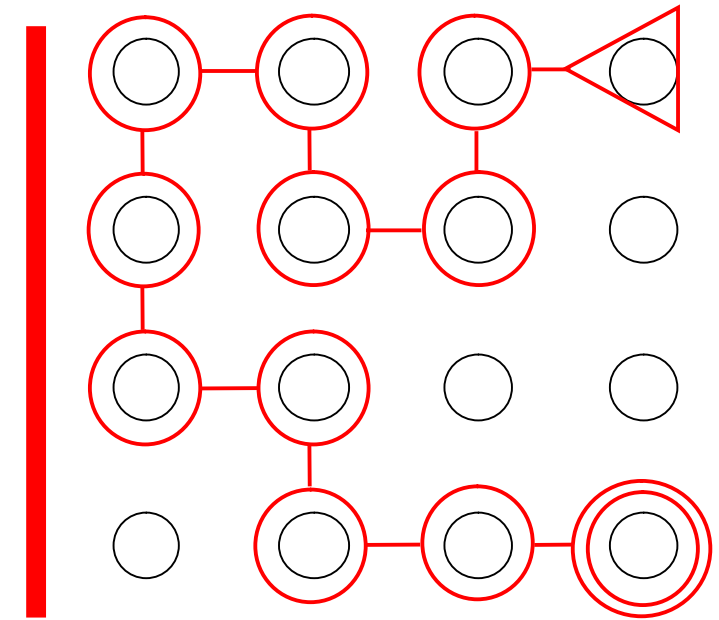
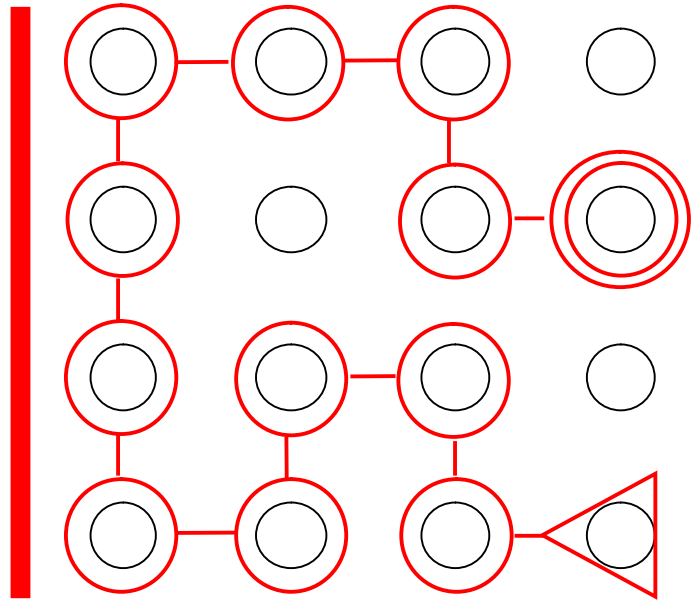
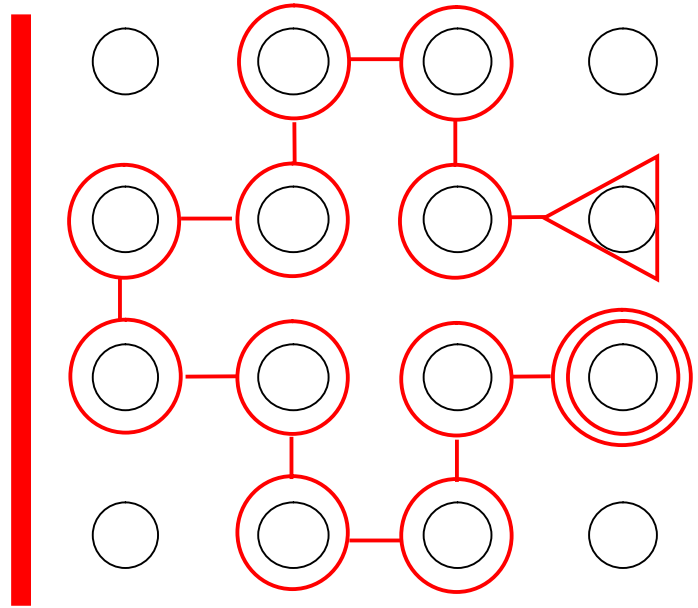
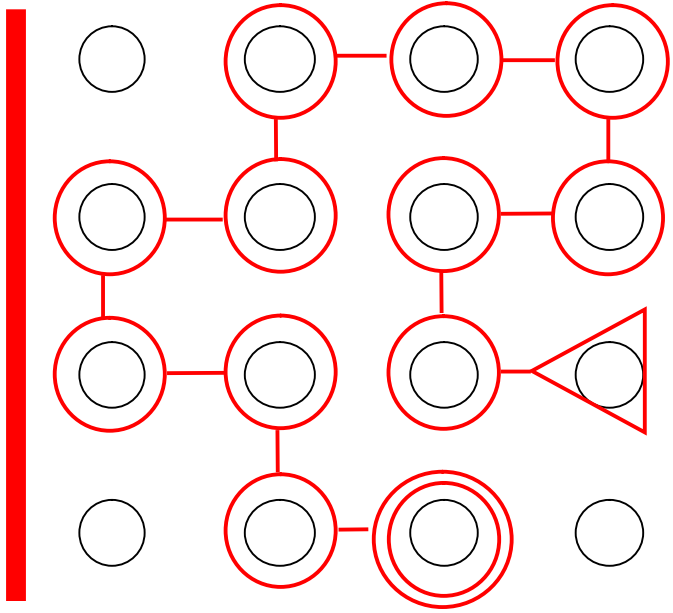
**T**

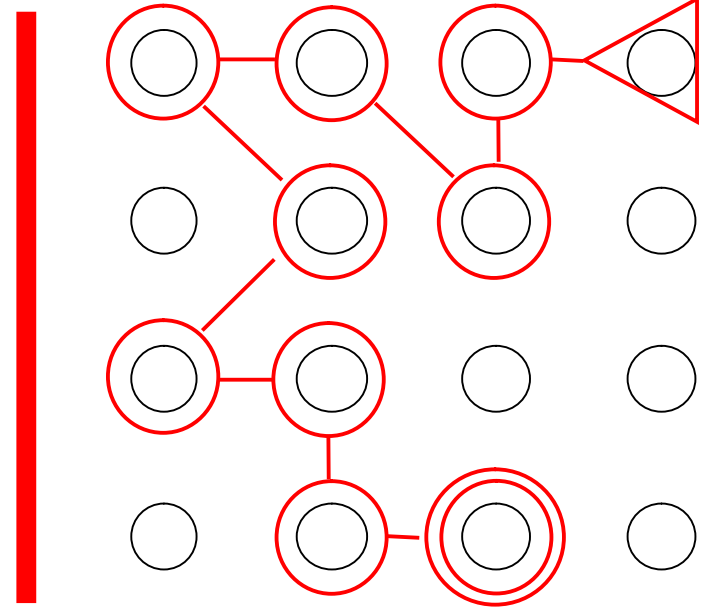
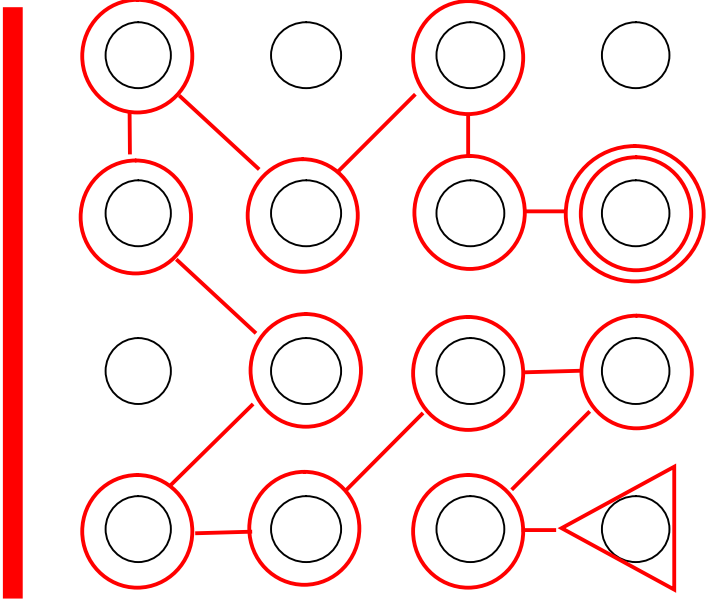
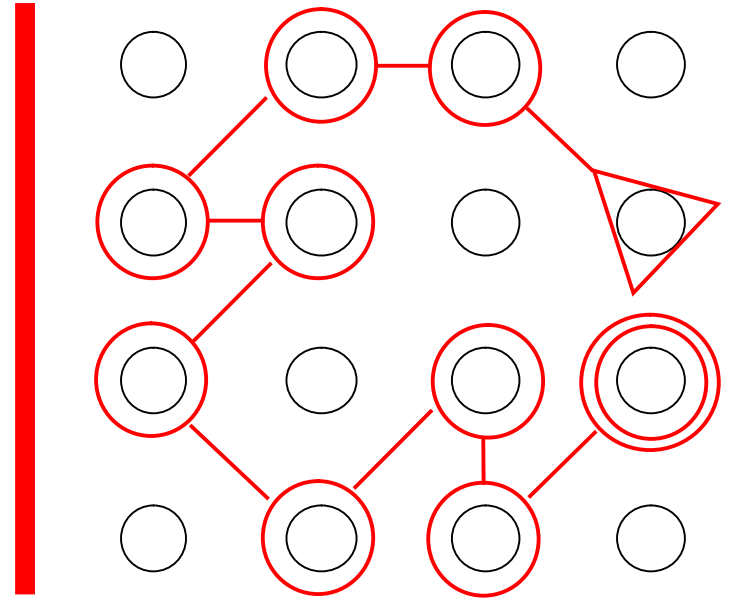
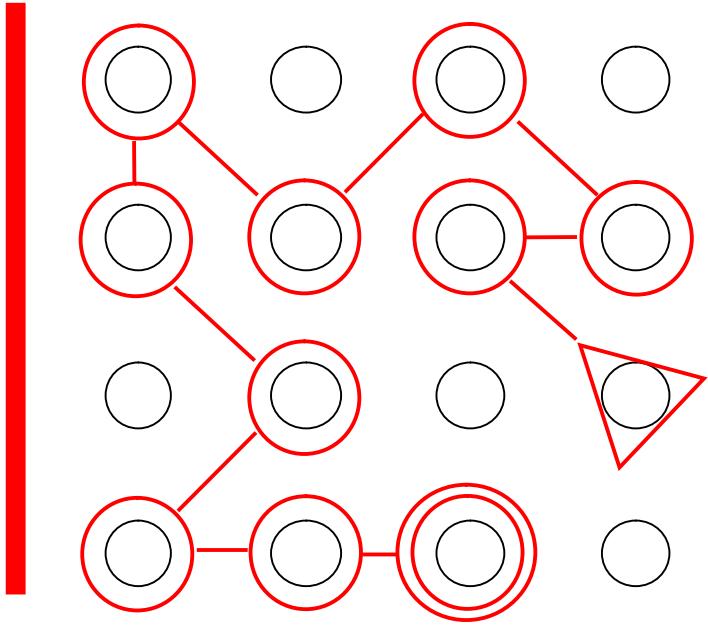


**U**









2 1 3 4

Plan W

Plan X

6 1 4 9

3 4 2 1

12 7 8 5

4 3 1 2

14 9 3 6

*For 3x4 grid  
just lay out  
above blue line*

1 2 3 4

2 11 13 10

B V C H

Plan Y

Plan Z

A D N U

E R X T

G E L C

D L S U

P M X K

A W F O

S T O H

Answers - part 1

Plan-> Route	W	X	Y	Z
A	22	61	SLREBVCXTU	XMEGADNLCK
B	22	58	ERVCHTXSL	GEDNUCLXM
C	27	72	DSLUTHCXRVB	PMXKCUNLEDA
D	26	72	DERVCHTXSL	PGEDNUCLXM
E	24	69	SLDERVCXTU	XMPGEDNLCK
F	20	55	ERVXTUSL	GEDNLCKXM
G	28	78	DLSXTHCVREB	PMXLCUNDEGA
H	23	63	DERVCHTXS	PGEDNUCLX

Answers - part 2

Plan-> Route	W	X	Y	Z
J	33	103	ERLDAWFSUTXCH	GEMPSTOXKCLNU
K	34	108	VREDLWFOUSXTH	DEGPMTOHKXLCU
L	32	95	DLREBVCXTUOF	PMEGADNLCKHO
M	26	82	CXRLDAWFSUT	NLEMPSTOXXC
N	30	92	EDAWFSLRXCH	GPSTOXMELNU
O	29	93	VREDAWLSFOUT	DEGPSTMXOHKC
P	32	93	DLREBVCXSUOF	PMEGADNLXKHO
Q	29	89	CXRLDAWFOUT	NLEMPSTOHKC
R	28	86	DLRBVCTXUFWA	PMEADNCLKOTS
S	25	74	USWALEBRVXCT	KXTSMGAEDLNC
T	33	103	DLXREVCTUSOFW	PMLEGDNCKXHOT
U	29	86	CVERDLAWSXUF	NDGEMSTXLKO