



Activity - Cone Grids

Perfect as a first step introduction to orienteering for children this exercise introduces the basic concept of a map and keeping it set.

How it works:

- You set up a simple 3x4 or 4x4 grid using cones or similar objects
- Children use a simple map to follow a designated route round the cones.

What you need:

- 16 cones of any kind.
- Maps of the cones with different courses (printed and laminated from resources below).

Skills children will practice:

- Keeping the map 'set' (always oriented in the direction you are going)
- Colours, sums and reading

How children progress in the exercise:

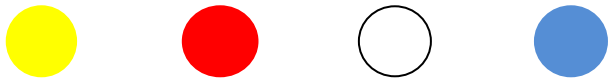
- 3 x 4 grids with coloured rows, courses with right angles then diagonals. Maps A to H show suggested routes.
- 4 x 4 grids coloured rows initially and then random colours, courses with right angles then diagonals. Maps J to U show suggested routes.
- Then remove some cones from the map so only those to be visited are shown
- Use the layouts W,X,Y,Z with numbered or lettered cones to get participants to do some sums or make up words. Answers for routes A to U are supplied for each layout W,X,Y,Z.

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 on the ground as "North." Optionally, place a peg on that side of the card so you can see more easily that it is being kept set.

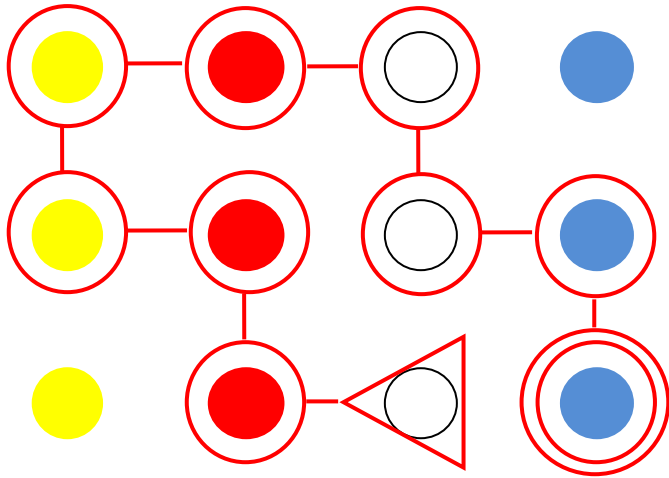
Remember:

- To register your orienteering activities on the World Orienteering Day website – www.worldorienteeringday.com – each year the event keeps breaking world records and we want you to be part of this!
- To share pics of your activity! #WODScotland ~ #WorldOrienteeringDay

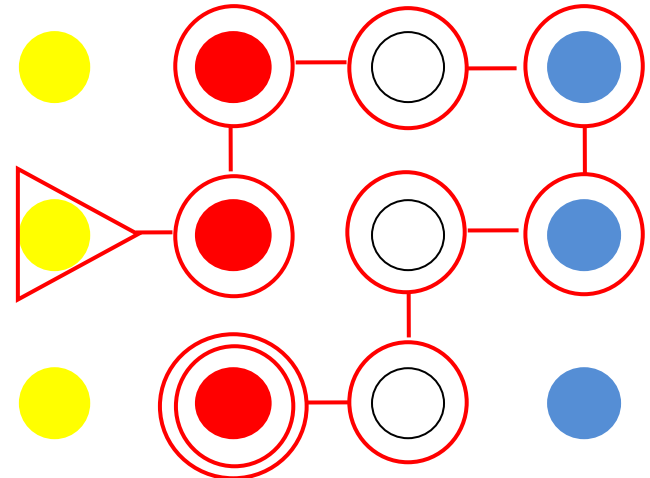
COLOURED 3 x 4 GRID



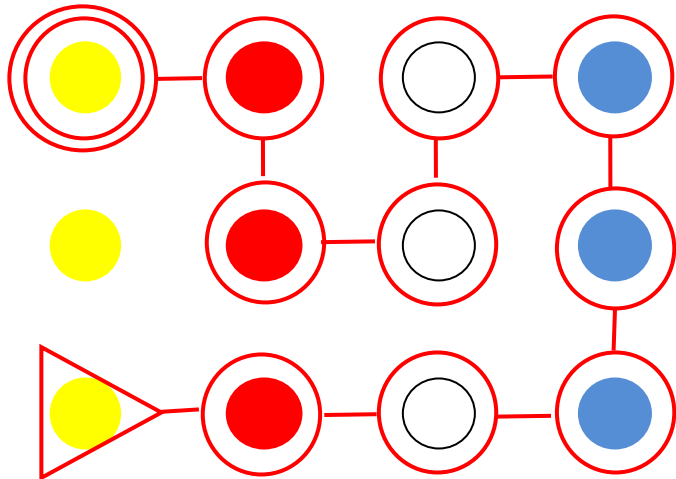
3 x 4 GRID COURSES



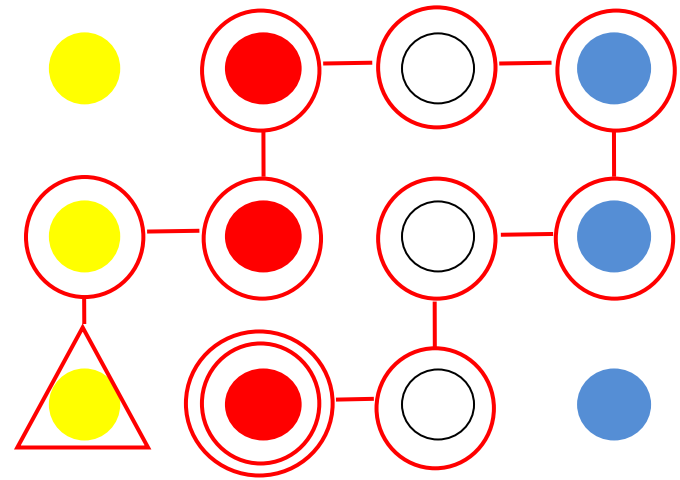
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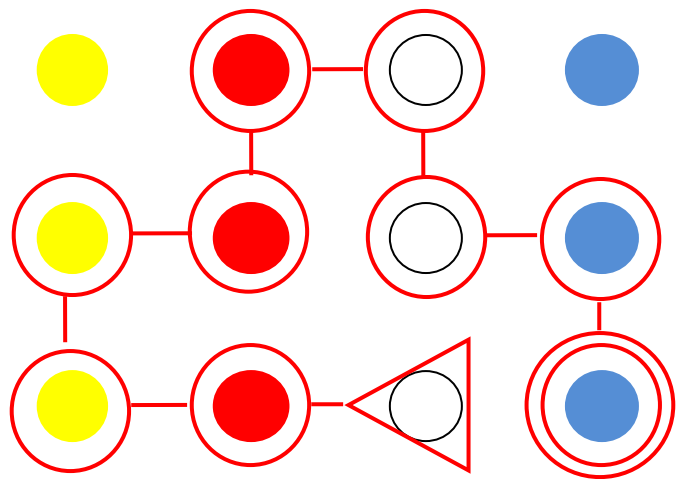
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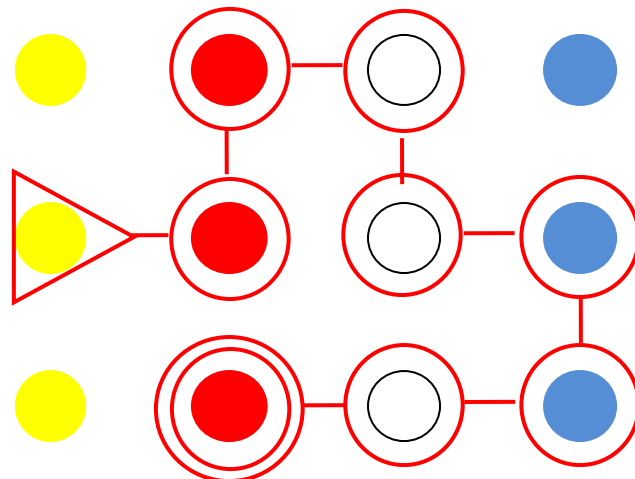
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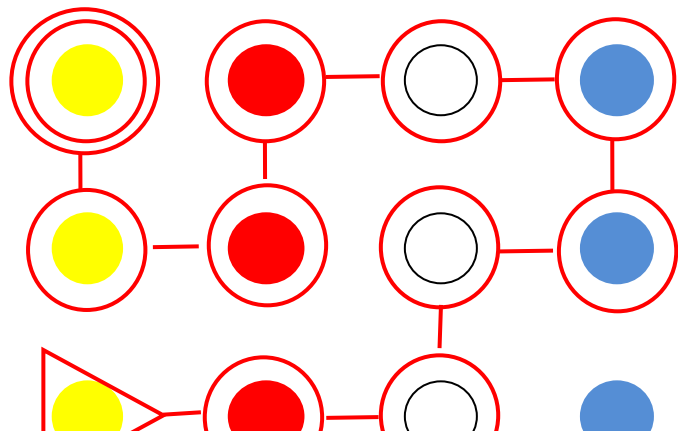
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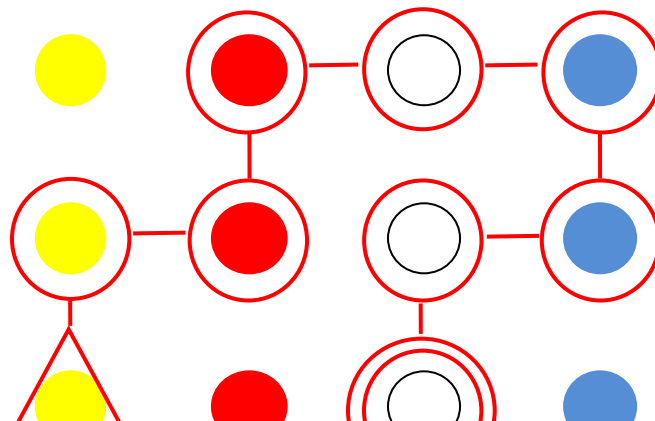
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F

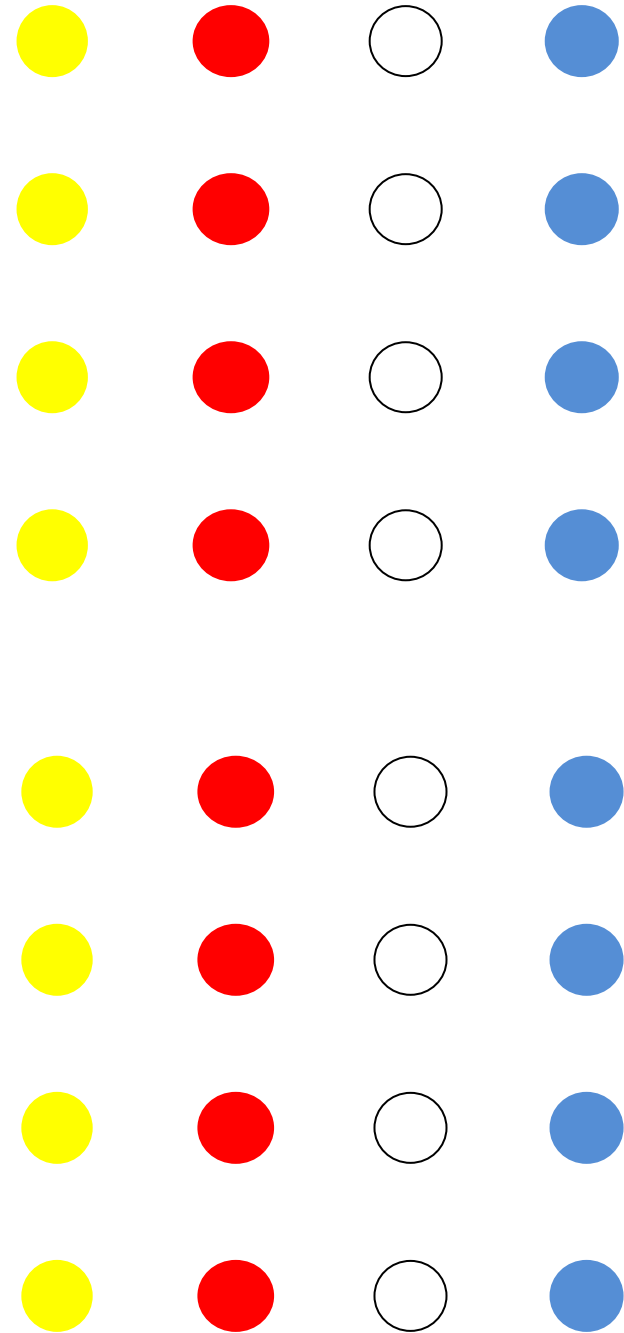
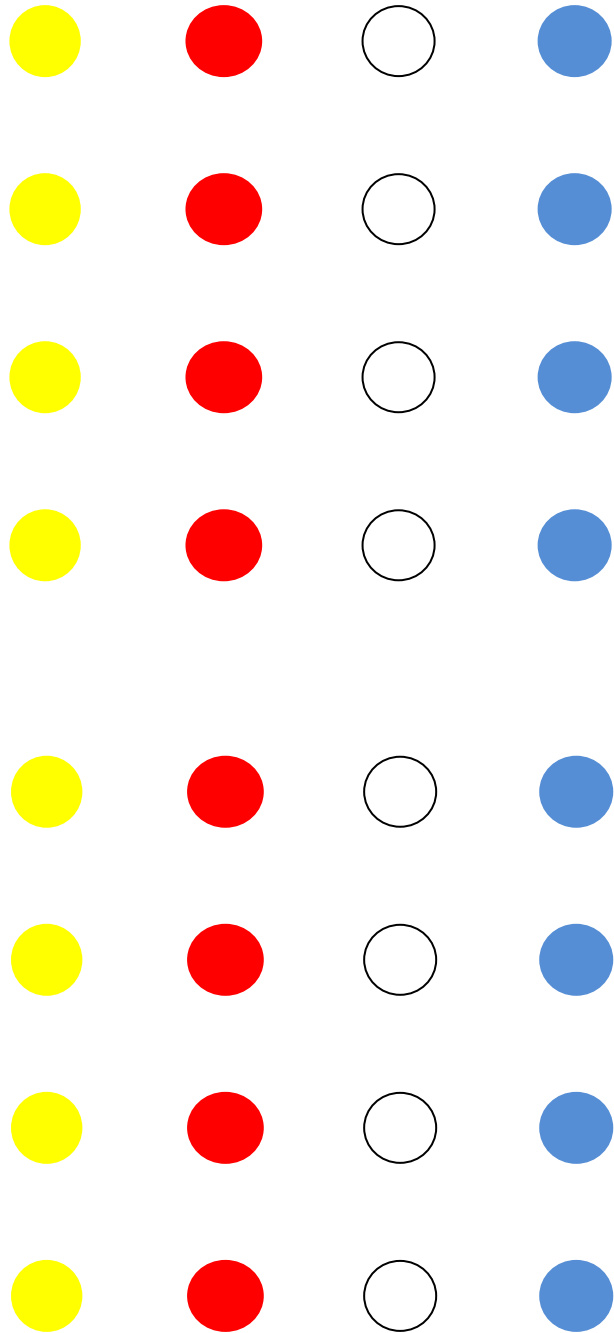


G

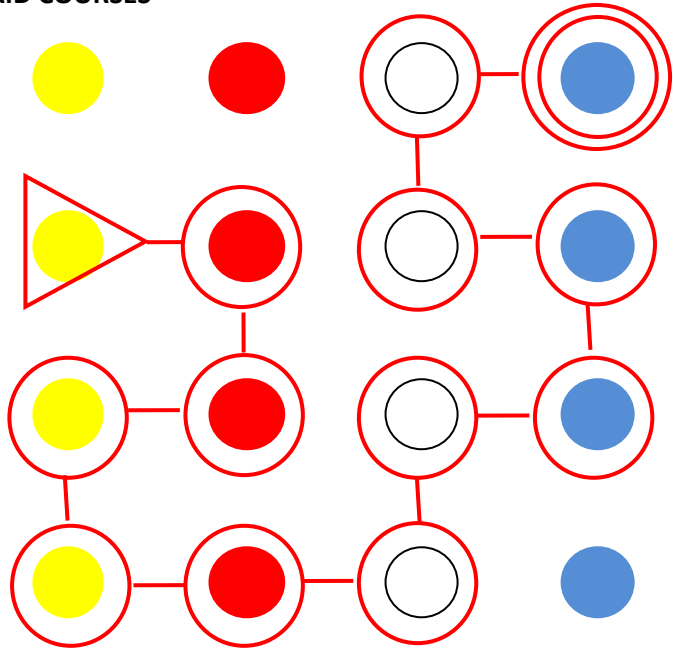


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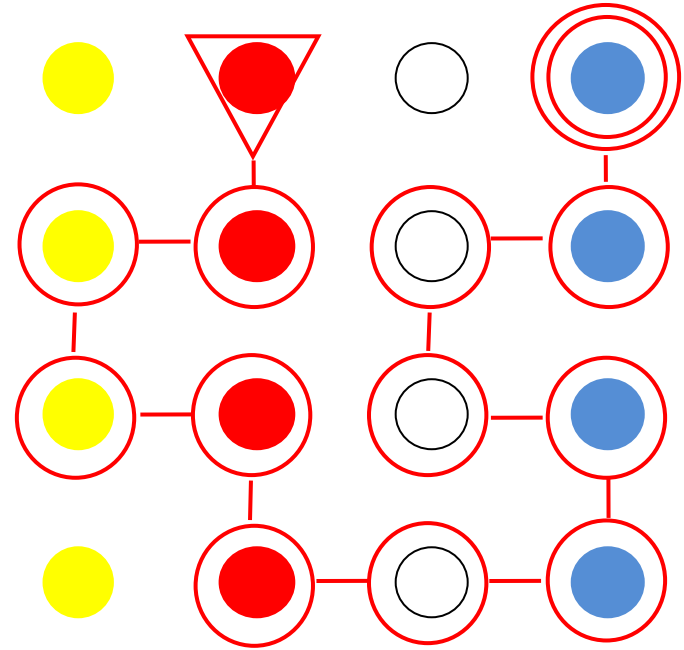
COLOURED 4 x 4 GRID



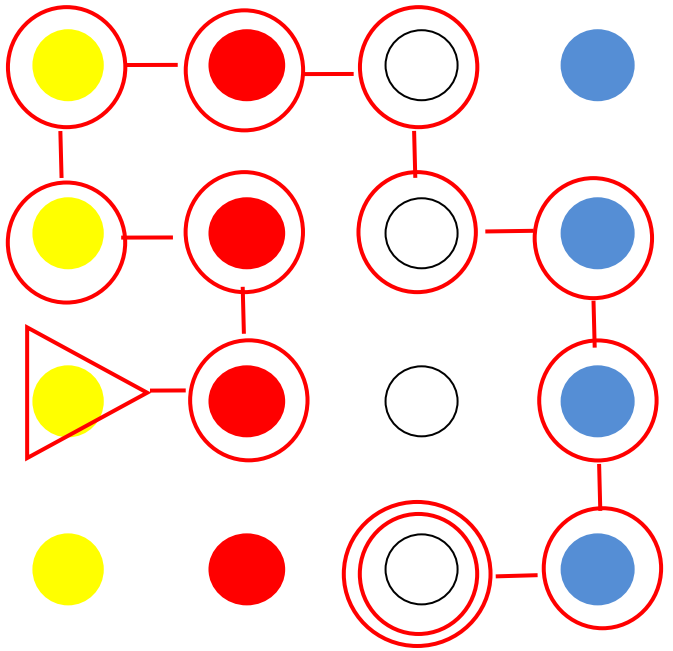
4x4 GRID COURSES



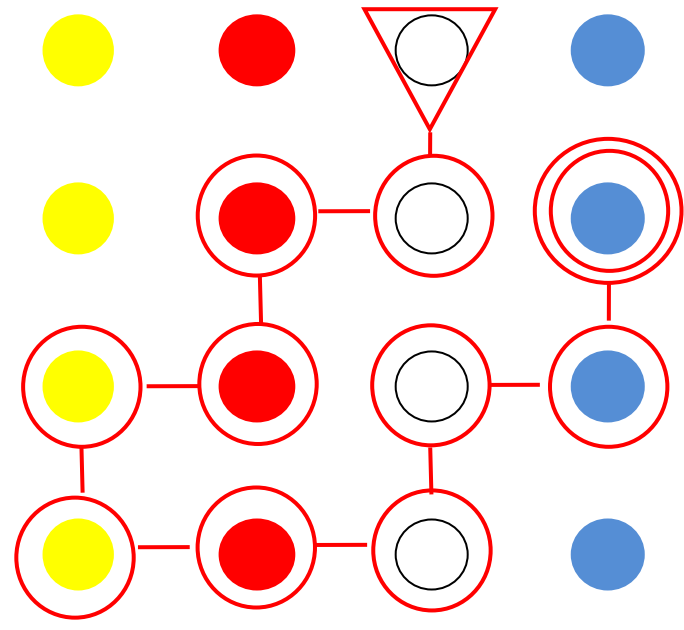
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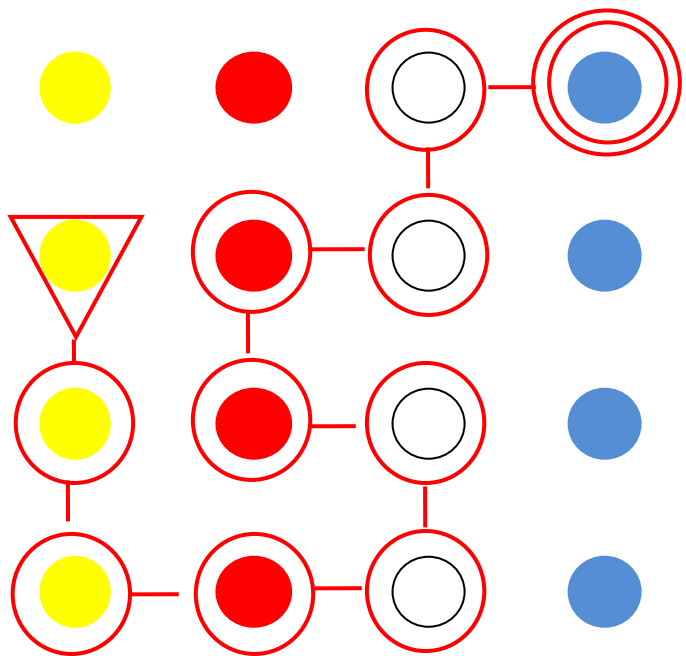
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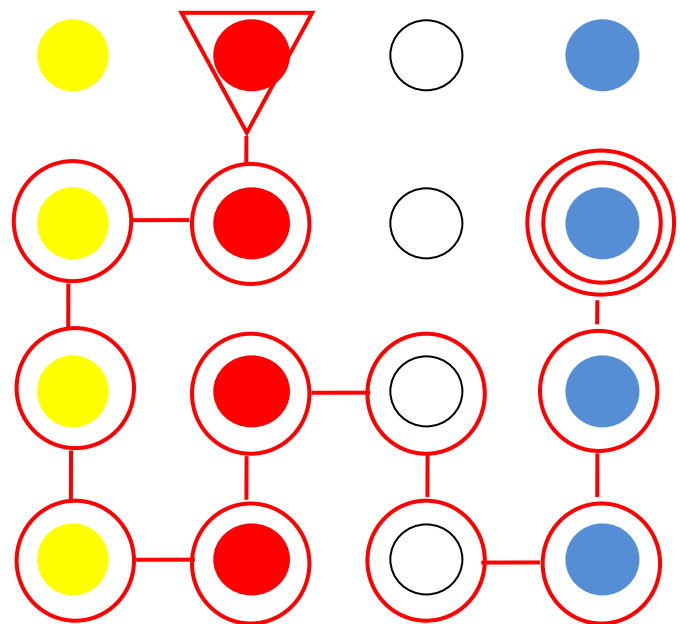
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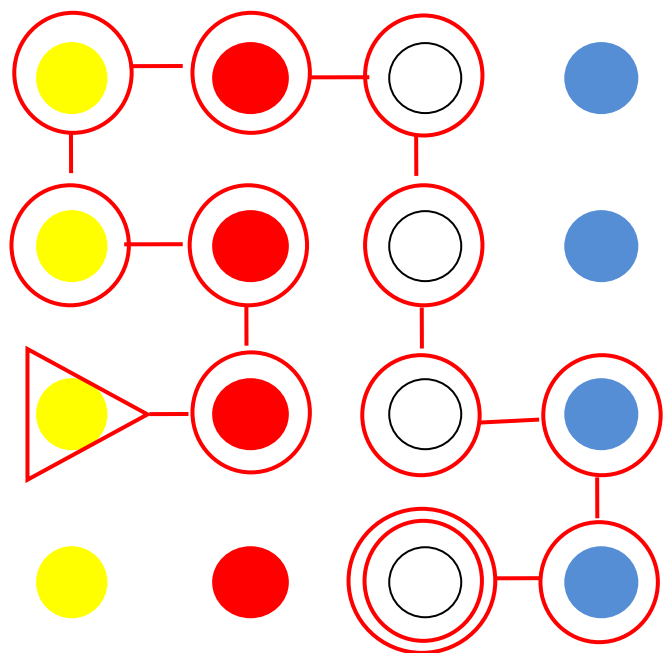
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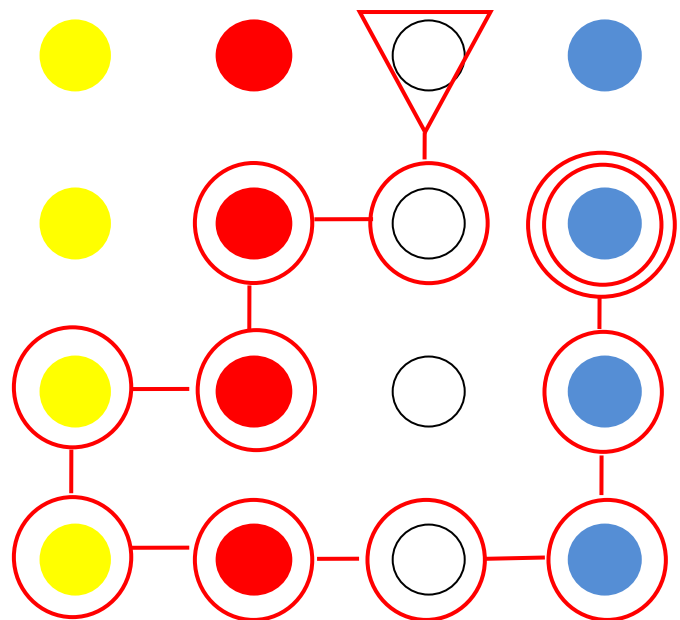
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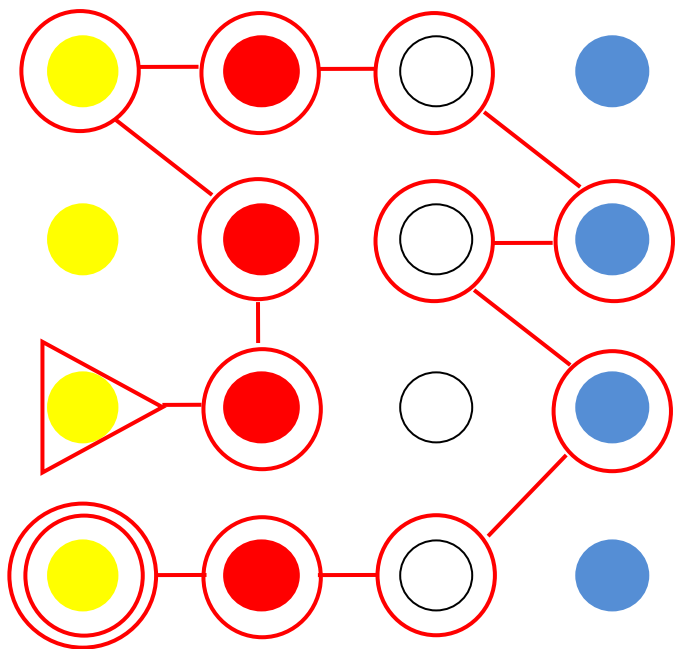
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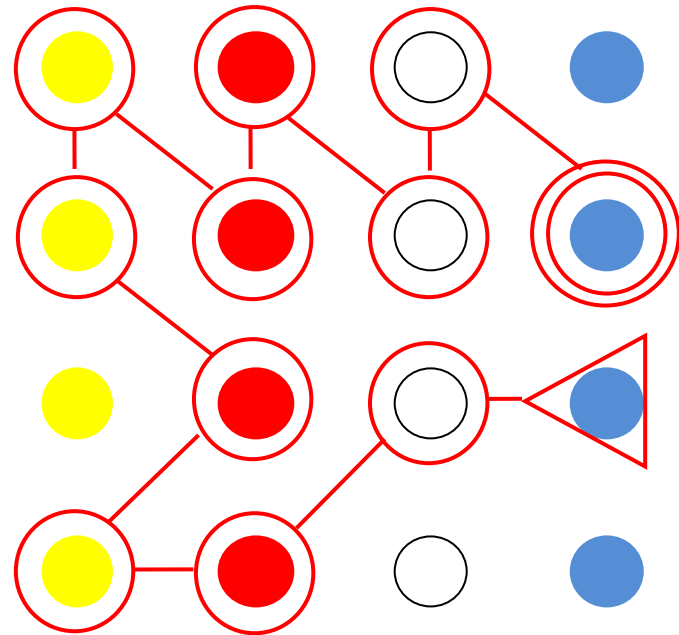
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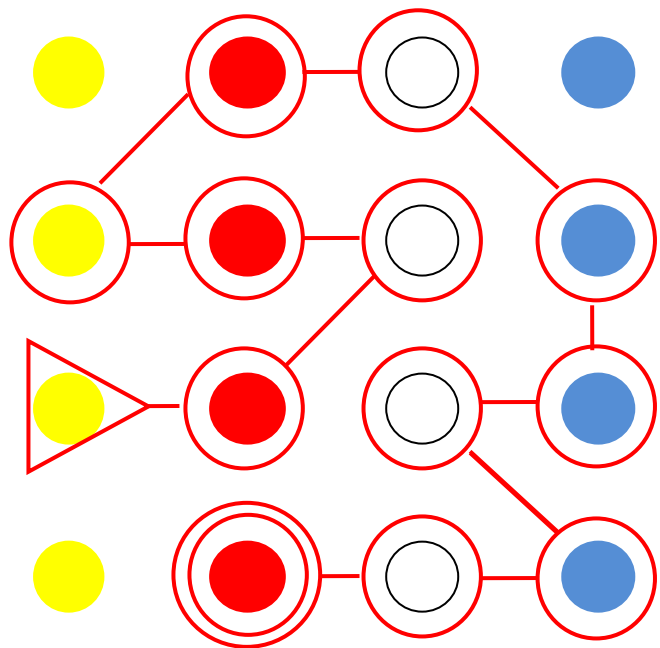
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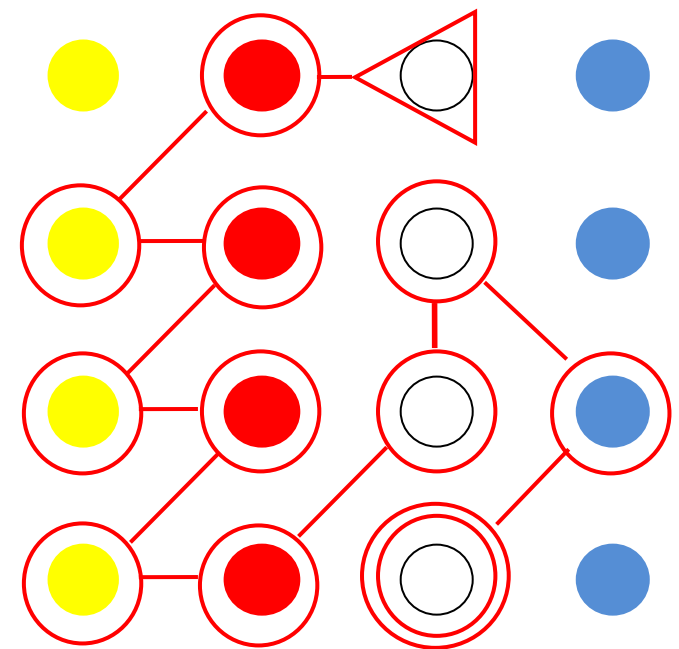
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S

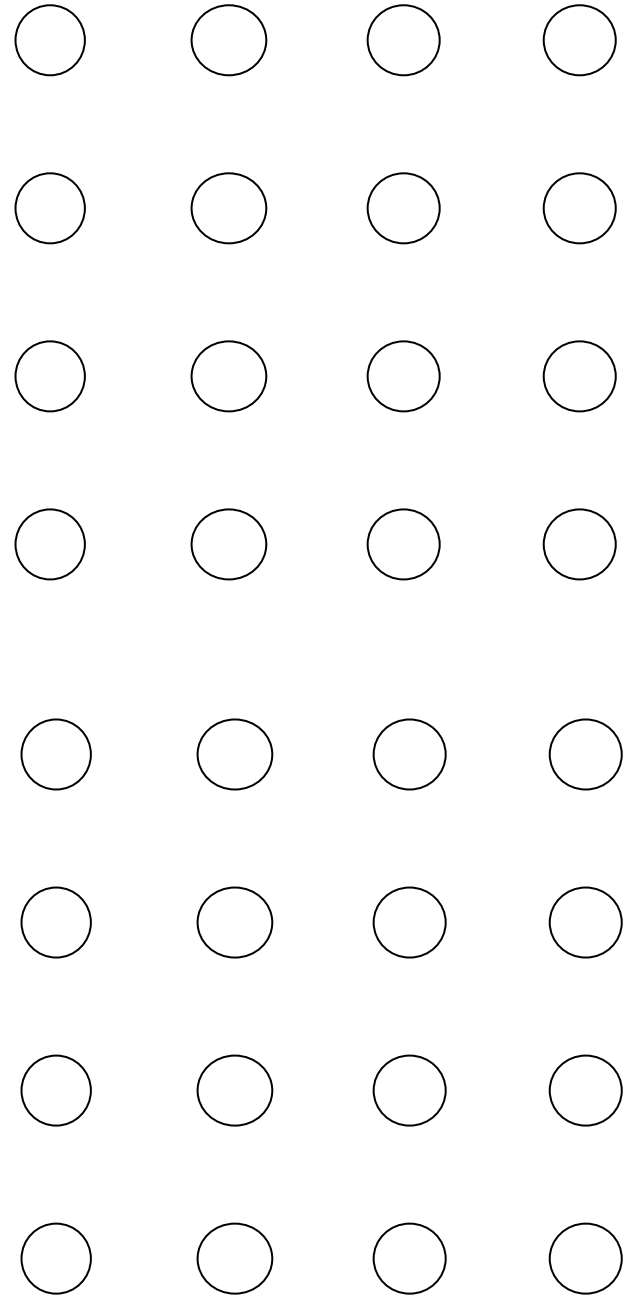
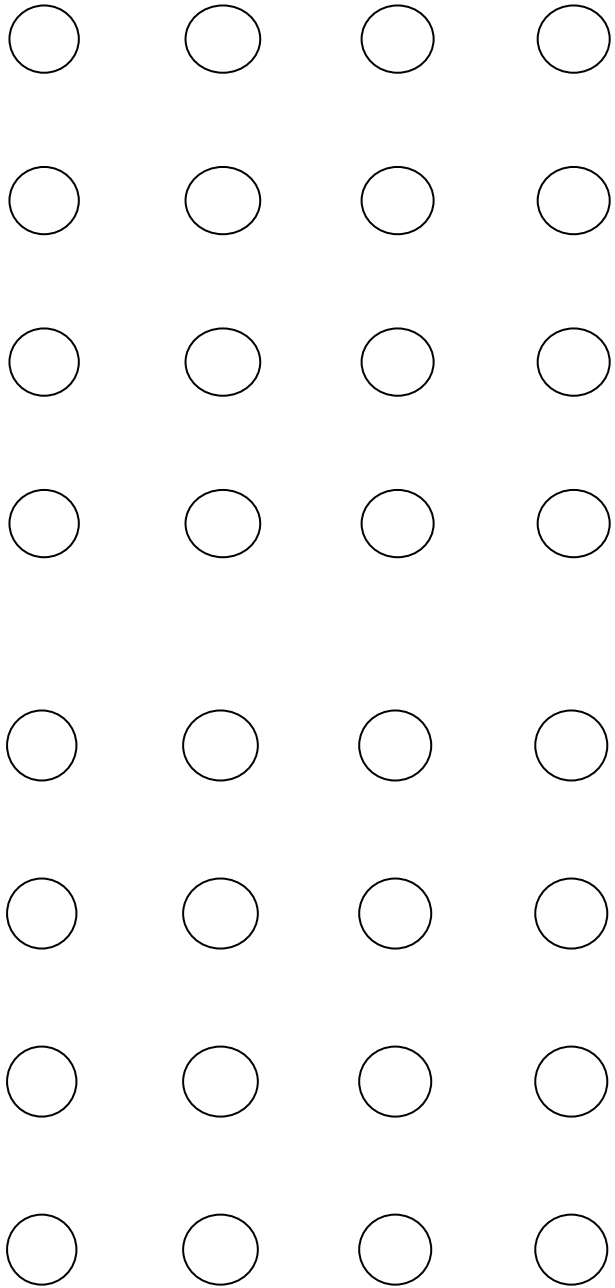


T

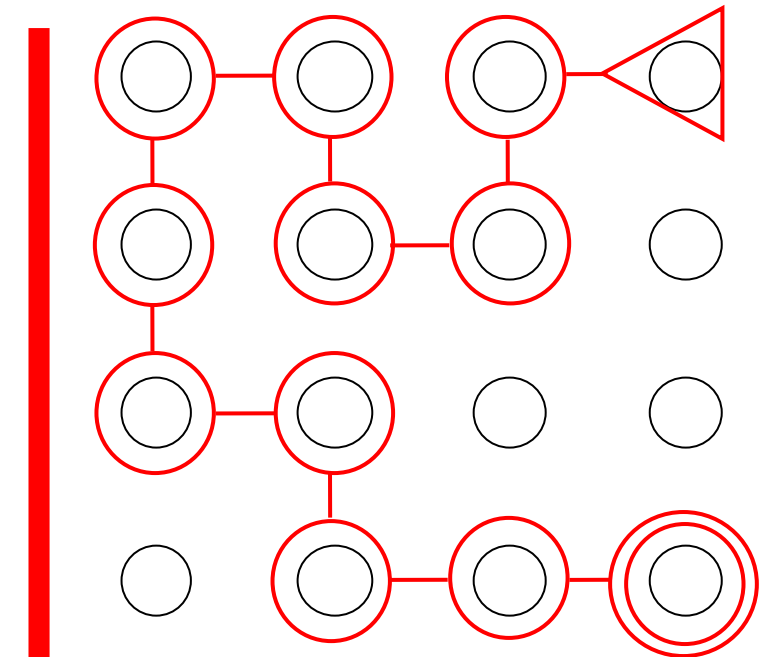
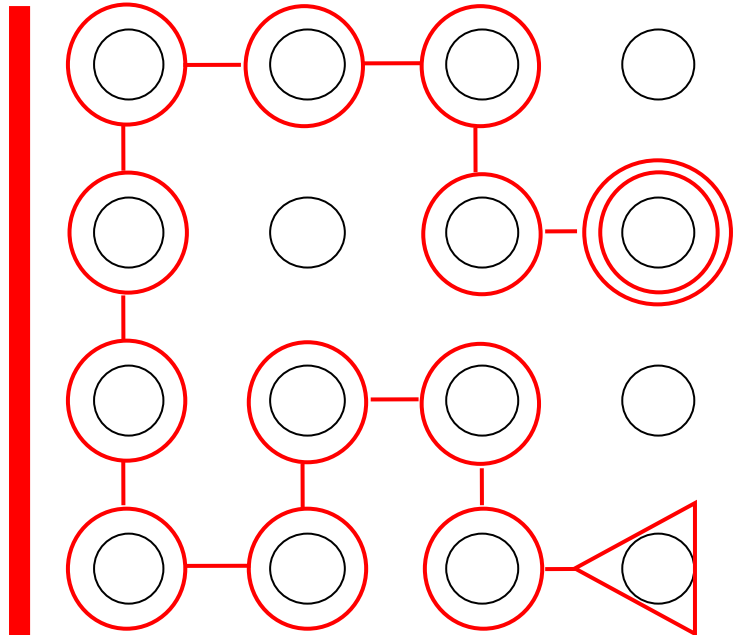
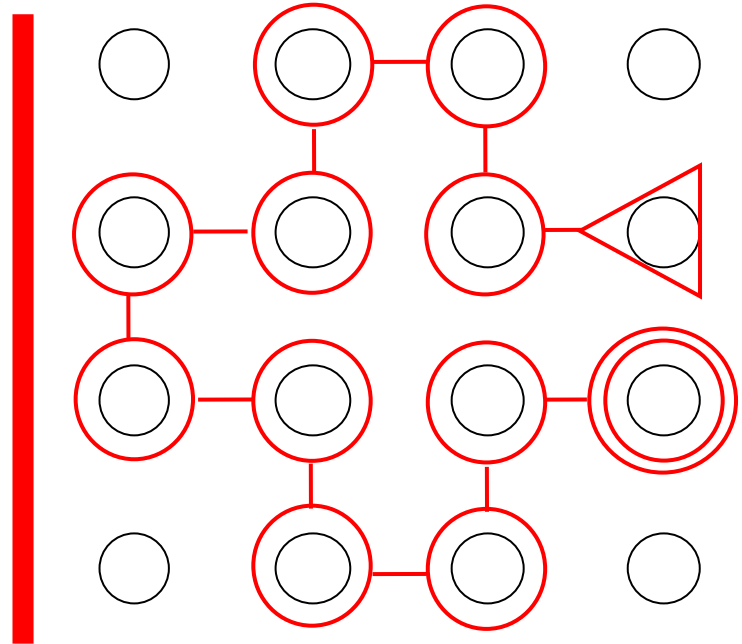
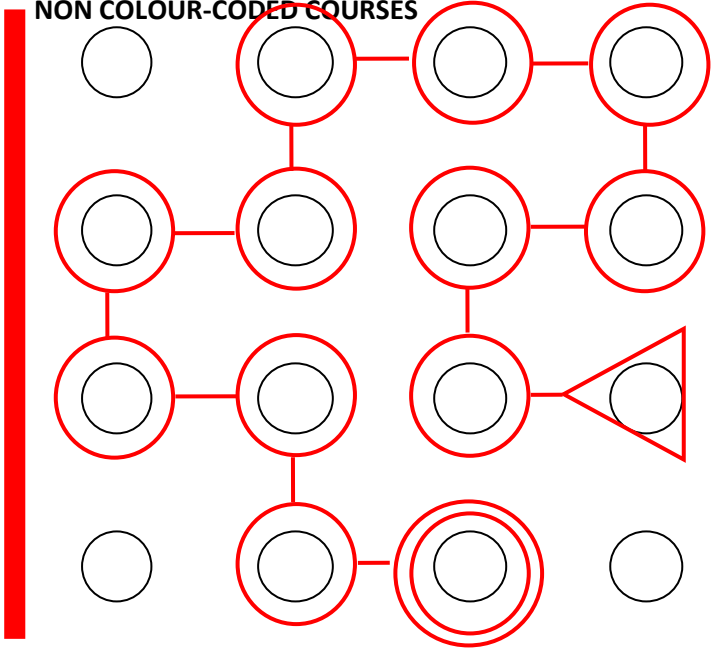


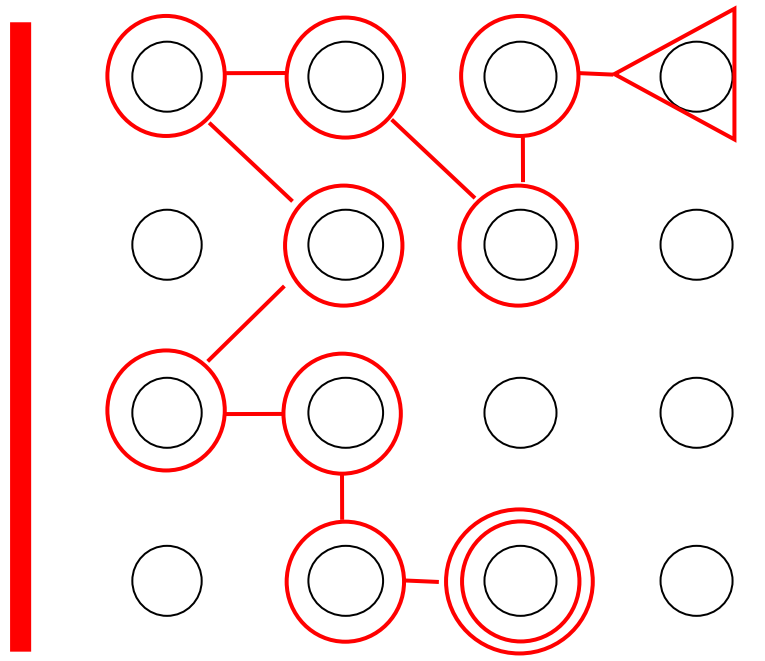
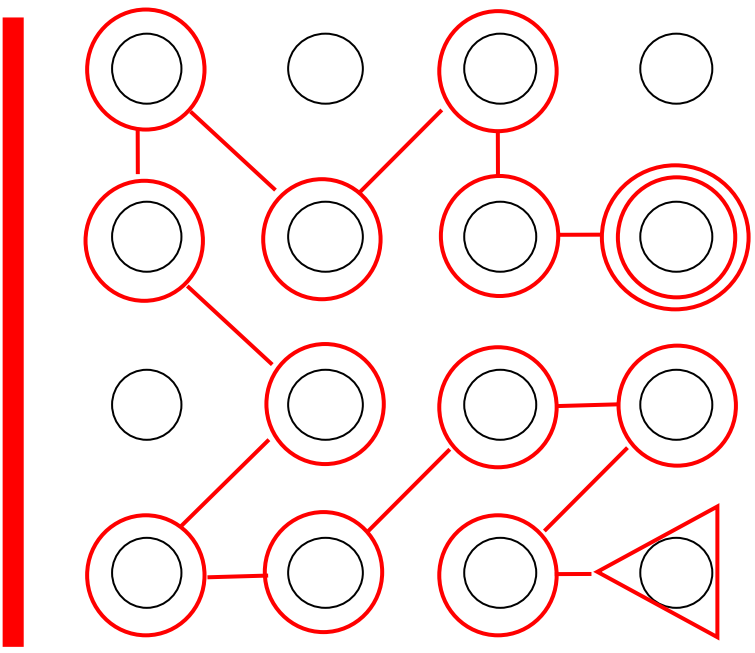
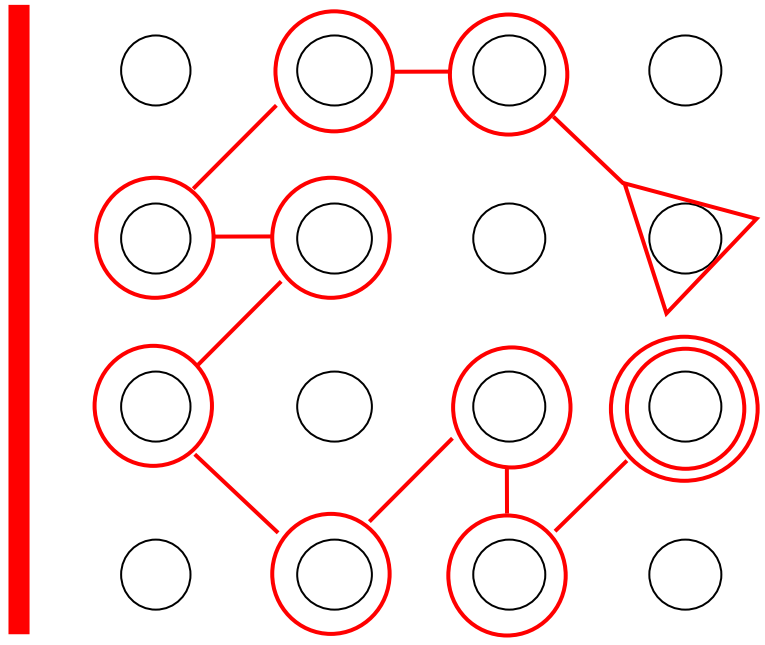
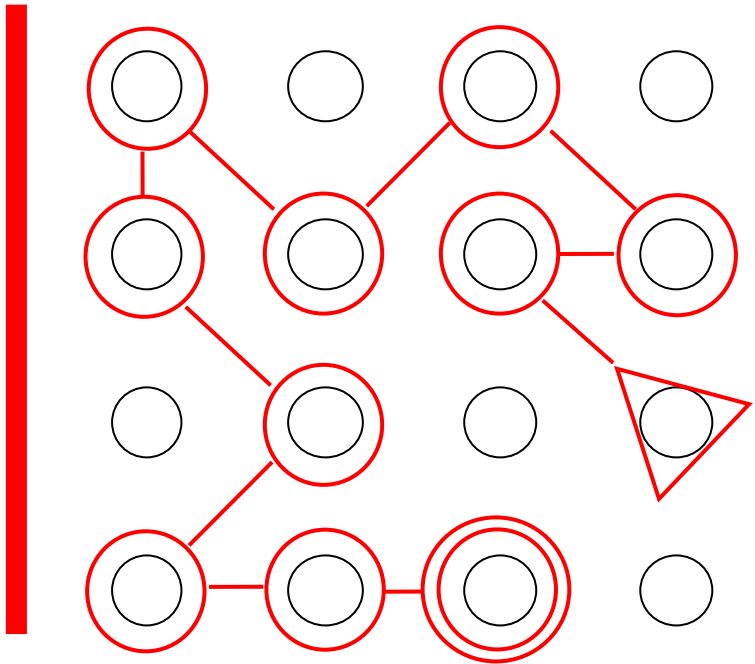
U

NON-COLOUR CODED 4x4 GRID



NON COLOUR-CODED COURSES





SUMS AND LETTERS GRID LAYOUTS

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	ERVCTUSL	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	NLEMPSTOXKC
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	NDGEPMSTXLKO