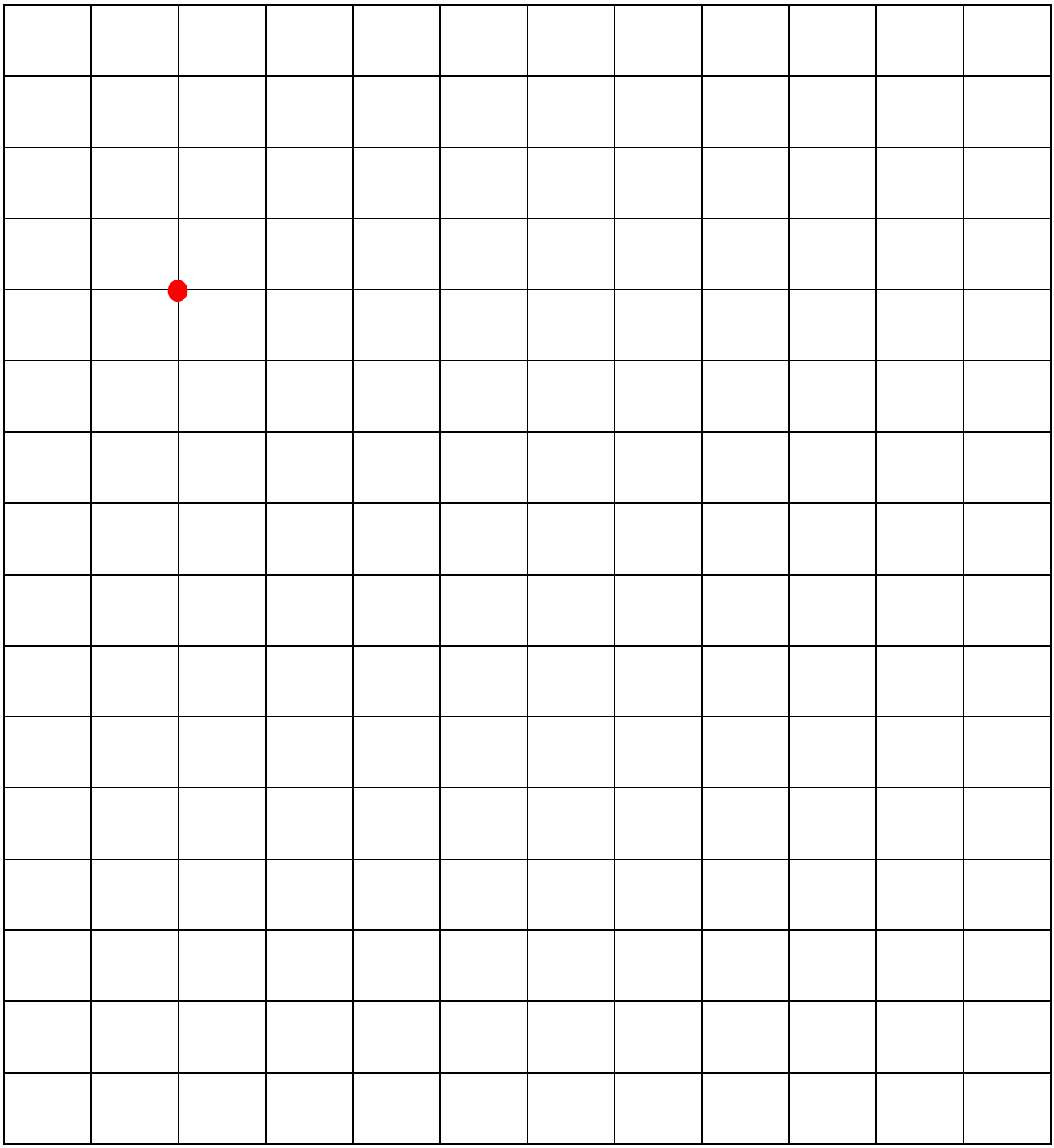
CODING WITH ARROWS

Exercise 1

Follow the arrow instructions on the next page to draw an image. The instructions need to be read line after line, from left to right hand side of page. Start drawing from the red dot.

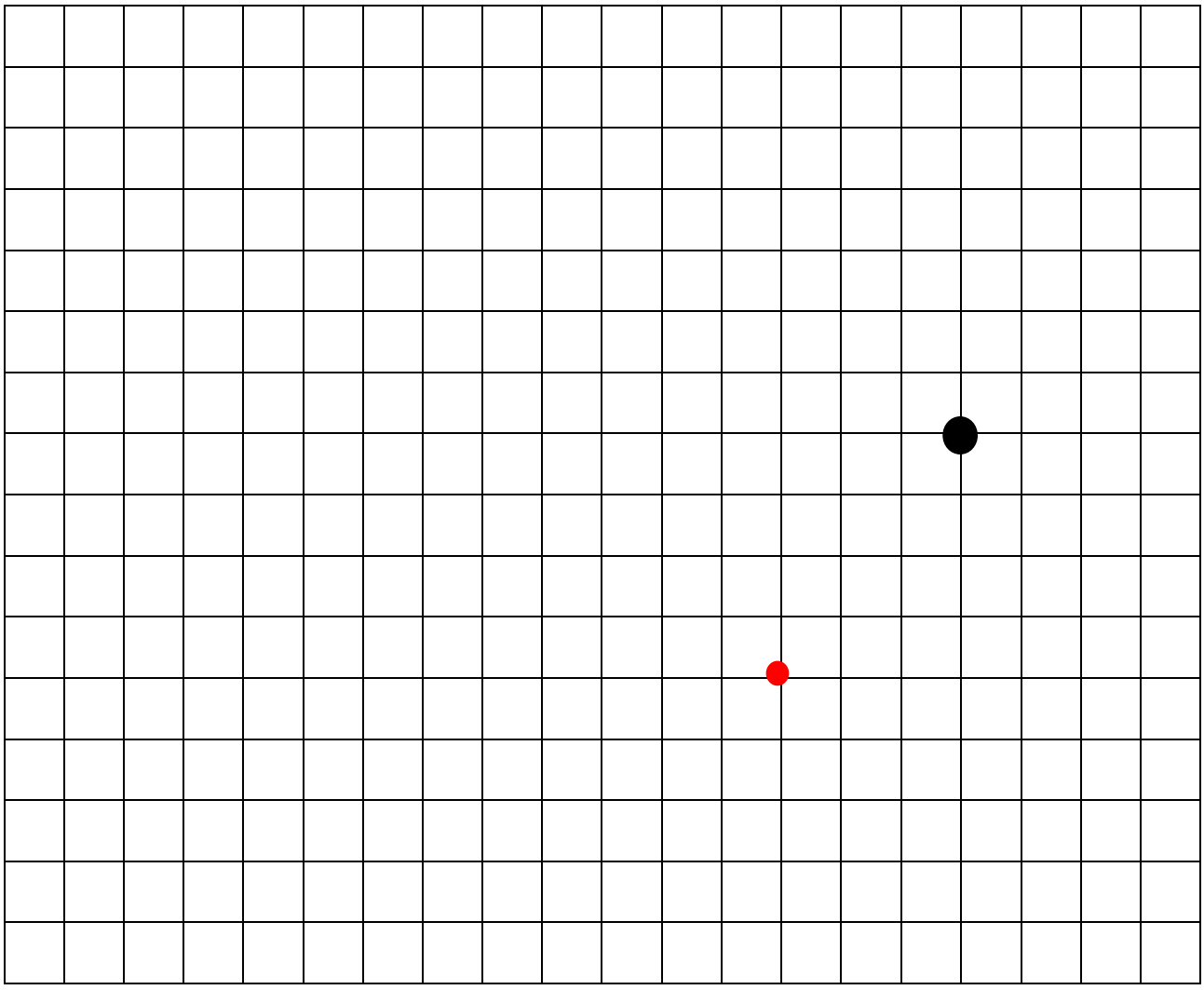


Arrow instructions for exercise 1:

➠	2 →	1 ↑	1 →	2 ↑	1 →	1 ↓	1 →
➠	1 ↑	1 →	1 ↓	1 →	1 ↑	1 →	2 ↓
➠	4 ←	1 ↓	1 ←	3 ↓	1 →	1 ↓	6 →
➠	3 ↓	1 ←	4 ↓	1 ←	2 ↑	1 ←	1 ↑
➠	3 ←	3 ↓	1 ←	4 ↑	1 ←	1 ↑	1 ←
➠	4 ↑	1 ←	2 ↑				

Exercise 2

Follow the arrow instructions on the next page to draw an image. The instructions need to be read line after line, from left to right hand side of page. Start drawing from the red dot.

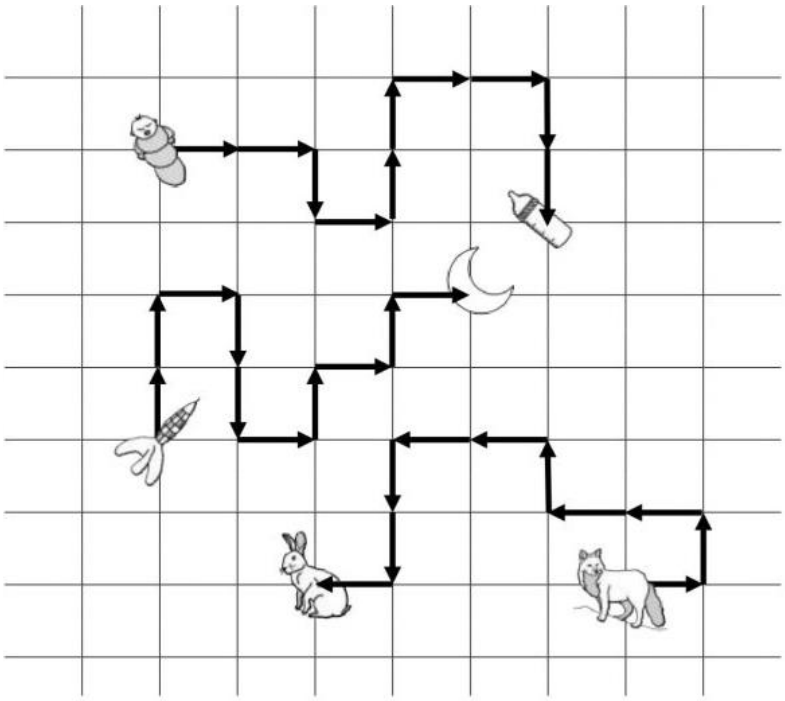


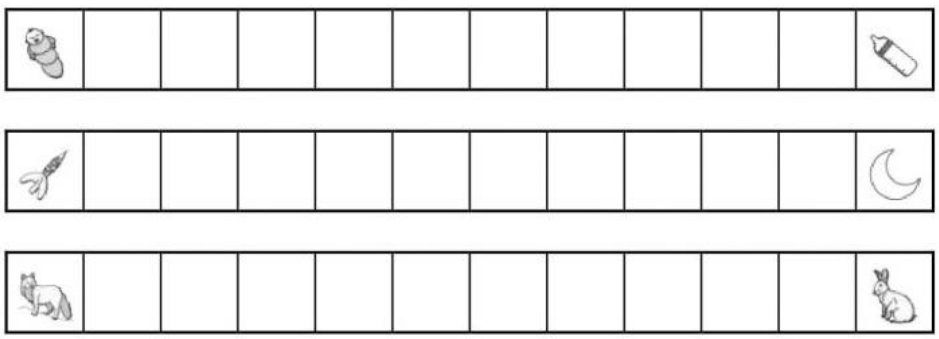
Arrow instructions for exercise 2:

➡	1 ↗	1 ↑	1 ↗	1 ↖	1 ↑	1 ↖	3 ←	1 ↘
➡	1 ↓	1 ↘	1 ↙	1 ↓	1 ↙	3 ←	1 ↗	1 ↑
➡	1 ↗	1 ↖	1 ↑	2 ↖	2 ↗	1 →	1 ↗	4 →
➡	2 ↘	2 ↓	2 ↘	1 ↗	1 ↓	1 ↙	1 →	1 ↓
➡	1 ←	3 ↙	2 ←	2 ↓	1 ↙	3 ←	1 ↑	2 ↗
➡	3 ←	3 ↖	1 ↙	1 ↓	3 ↙	4 ↑	2 ↗	2 ↖
➡	4 ↑	3 ↘	1 ↓	1 ↘	3 ↗	7 →	1 ↘	

Exercise 3

Write down the appropriate arrow instructions for the following 3 paths.





CODING WITH CELL NAMES

Exercise 4

Draw a line from the first cell to the second cell. E.g. D5 – H1 means draw a line from the dot in cell D5 to the dot in cell H1. The lines may be vertical, horizontal or diagonal.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.

D5 – H1	N5 – N7	D7 – H11
H5 – N5	M7 – M8	H7 - H11
B7 – D7	B5 – D5	M4 – M5
L5 – M4	A6 – B7	H7 – N7
A6 – B5	L7 – M8	H1 – H5

Exercise 5

Draw a line from the first cell to the second cell. E.g. A4 – C3 means draw a line from the dot in cell A4 to the dot in cell C3. The lines may be vertical, horizontal or diagonal.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.

A4 – C3
F4 - M4
L10 - M10
M2 – M4
D2 – F4
C3 – D2
E10 – F10

B5 – D5
F7 – L7
L7 – L10
L1 – M1
A4 – B5
D5 – E6
M1 – N2

E6 – E10
L1 – M2
F7 – F10
M6 – M10
M6 – N4
N2 – N4