ALDEP – exercize

The layout consists of 5 department with the following required blocks and relation ship
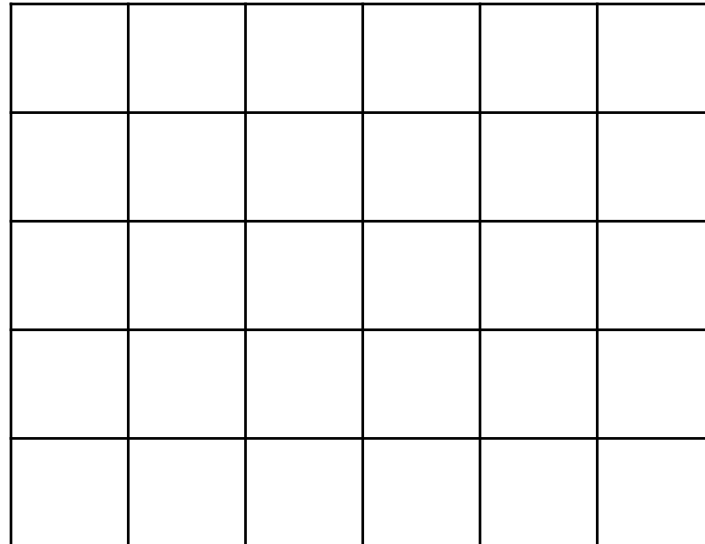
Department	Name	Blocks
A	Receiving	6
B	Milling	4
C	Press	6
D	Drilling	4
E	Assembly	8

	A	B	C	D	E
A		E	O	I	O
B			U	E	I
C				U	U
D					I
E					

A: absolutely necessary
E: especially important
I: important
O: ordinarily important
U: unimportant
X: undesirable

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The specified sweep width is equal to 2 blocks. The space available in the layout is described in solution section. Start to build the solution from department A. Then repeat the exercise starting the solution from department D.

Available Space

ALDEP – solution case 1 – starting from dep. A

The specified sweep width is equal to 2 blocks. The space available in the layout is described in solution section. Start to build the solution from department A.

A	A	E	E	E	E
A	A	E	E	C	C
A	A	E	E	C	C
B	B	D	D	C	C
B	B	D	D		

Available Space

ALDEP – solution case 2 – starting from dep. D

Then repeat the exercise starting the solution from department D.

D	D	E	E	E	E
D	D	E	E	C	C
B	B	E	E	C	C
B	B	A	A	C	C
A	A	A	A		

Available Space