

Random sampling.

In R, draw a single random sample of size 5 without replacement from the 1 to 50 below with:

```
sample(x = 1:50, size = 5, replace = FALSE)
```

For the Lego block assemblages below, here is a list of labels 1 to 50 (to correspond to the integers drawn in the above sample() function), and the true number of "cells". Convention is "label(cells)".

47(60)		48(76)		49(96)		50(40)								
43(60)		44(72)		45(48)		46(24)								
30(10)	31(8)	32(6) 33(6)	34(6)	35(6)	36(4)	37(4) 38(4)	39(4) 40(4)	41(3)	42(3)					
16(2)	17(2)	18(2)	19(2)	20(2)	21(2)	22(2)	23(2)	24(2)	25(2)	26(1)	27(1)	28(1)	29(1)	
1(2)	2(2)	3(2)	4(2)	5(2)	6(2)	7(2)	8(2)	9(2)	10(2)	11(1)	12(1)	13(1)	14(1)	15(1)

