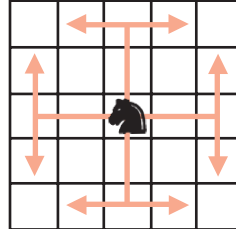# Knight's Tour

Barbara Holmes

The numbers 1 to 64 have been placed in the grid, with the starting point as shown. Each subsequent number is placed in accordance with a knight's move in chess, ending with 64 a knight's move away from number 1. The following clues will help with placing.

	A	B	C	D	E	F	G	H
1								
2								
3								
4								
5								
6						1		
7								
8								

ACROSS

1 Four prime numbers

2 One cube number; one multiple of 15; one multiple of 21

3 Three square numbers; two multiples of 19; one multiple of 15

4 The reverse of two square numbers; nothing divisible by 13

5 One cube number; two multiples of 15

6 One cube number; two square numbers; nothing divisible by 5

7 Two multiples of 21; one square number adjacent to its reverse

8 One cube number; two square numbers; nothing divisible by 6; only one number below 10

DOWN

A One square number adjacent to its reverse; one number is eight times another

B One square number; total of even numbers equals 62

C Two square numbers; one number is six times another

D One cube number; nothing between 30 and 40

E One cube number; one square number; two multiples of 19; only one number greater than 60

F Two cube numbers; one square number; total of odd numbers equals 154

G Nothing below 10

H Two square numbers adjacent to each other

Puzzler

	A	B	C	D	E	F	G	H
1	17	26	53	48	29	20	59	56
2	52	47	18	27	58	55	30	21
3	25	16	49	54	19	28	57	60
4	46	51	24	7	2	61	22	31
5	15	6	45	50	23	8	35	62
6	44	41	12	3	38	1	32	9
7	5	14	39	42	11	34	63	36
8	40	43	4	13	64	37	10	33