What do you need to find the number?

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98	99

There are eight clues below which you can use to find a certain number on the hundred square. What is the number?

Four of the clues are necessary to find it.

Four of the clues are true but do nothing to help in finding it.

Can you sort out the four clues that help and the four clues that do not help?

Clues:

The number is odd.

The number is greater than 9.

The number is less than 200.

The number is not a multiple of ten.

Its ones digit is larger than its tens digit.

The number is a multiple of 7.

Its tens digit is odd.

The number is not a multiple of 11.

Answers

08.06.20 Worksheet 10 Year 4

What do you need to find the number?

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98	99

There are eight clues below which you can use to find a certain number on the hundred square. What is the number? 35

Four of the clues are necessary to find it.

Four of the clues are true but do nothing to help in finding it.

Can you sort out the four clues that help and the four clues that do not help?

Clues:

The number is odd. ✓

Its ones digit is larger than its tens digit. ✓

Tpful The number is greater than 9.

The number is a multiple of 7. ✓

The number is less than 200.

Its tens digit is odd. ✓

ful The number is not a multiple of ten.

not helpful

The number is not a multiple of 11. not helpful