

# Prime Numbers – Year 6

Venn diagram

Even numbers
Prime numbers

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

Circle the prime numbers in each list.

- a) 1   2   3   4   5   6   7
- b) 17   22   9   36   21   35   23
- c) 10   18   38   74   92   2   14

Write ten numbers in the sorting diagram. Each section must have at least one number.

	Even	Not even
Prime		
Not prime		.

I think 87 is a prime number because it is odd and most numbers that end in 7 are prime.



Do you agree with Rosie? \_\_\_\_\_

Test whether or not 87 is a prime number and show your reasoning.

★ + ■ = 100

Both ★ and ■ are prime numbers.

How many different solutions can you find?

