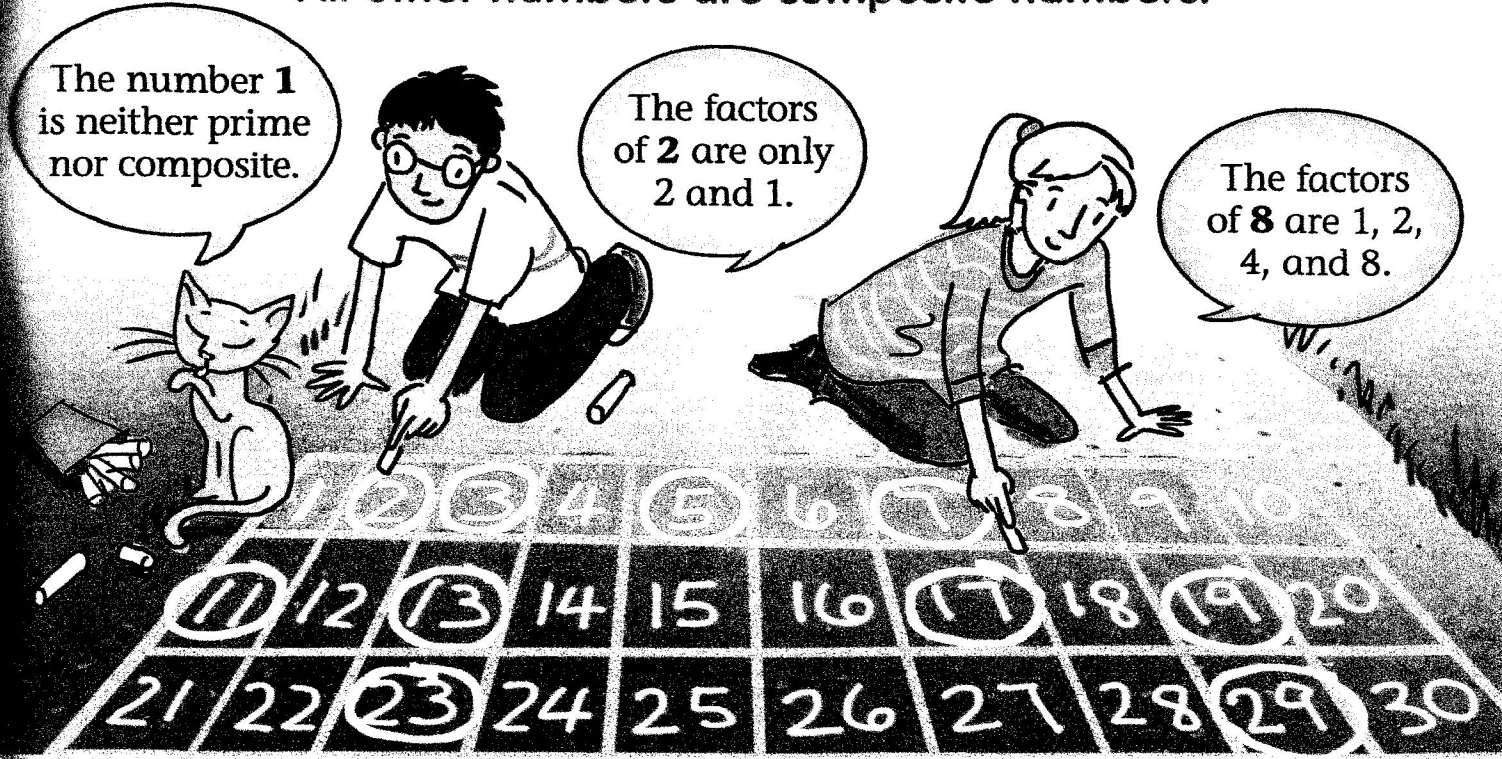


Prime or Composite?

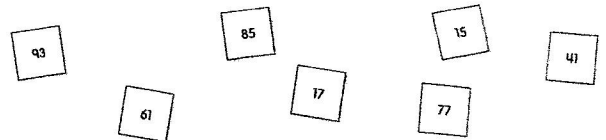
Skill: Identify prime and composite numbers

**Prime numbers have only 2 factors.
All other numbers are composite numbers.**



- 1 Lay out the mat and the cards.
- 2 Identify the number on each card as a prime number or a composite number and place it under the correct heading on the mat.
- 3 Complete the response form.

Prime Number		Composite Number	
A prime number has only 2 factors.		A composite number has more than 2 factors.	
2 (The only factors are 2 and 1)		6 (The factors are 1, 2, 4, and 6)	
2	3	9	



Prime or Composite?

Prime Number

A prime number has only 2 factors.

Example **2** (The only factors are **2** and **1**.)

Composite Number

A composite number has more than 2 factors.

Example **8** (The factors are **1**, **2**, **4**, and **8**.)

2	3	5	7	<u>9</u>	11	13
15	17	19	21	23	25	27
29	31	33	35	37	39	41
43	45	47	49	51	53	55
57	59	61	63	65	67	69
71	73	75	77	79	81	83
85	87	89	91	93	95	97
99						

Prime or Composite?

Circle all the prime numbers on the counting chart.

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	100

List the factors of each number below.

9 1, 3, 9

83 _____

47 _____

27 _____

59 _____

33 _____

13 _____

77 _____

69 _____