

Algebra I
Prime Factors

NAME: _____
DATE: _____ HOUR: _____

PRIME NUMBERS under 100: 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97

Write each number as a product of **prime factors**.

2 prime

3 prime

4 _____

5 prime

6 _____

7 prime

8 _____

9 _____

10 _____

11 prime

12 _____

13 prime

14 _____

15 _____

16 _____

17 prime

18 _____

19 prime

20 _____

21 _____

22 _____

23 prime

24 _____

25 _____

26 _____

27 _____

28 _____

29 prime

30 _____

31 prime

32 _____

33 _____

34 _____

35 _____

36 _____

37 prime

38 _____

39 _____

40 _____

41 prime

42 _____

43 prime

44 _____

45 _____

46 _____

47 prime

48 _____

49 _____

50 _____

51 _____

52 _____

53 prime

number not on this chart? use a factor tree

Multiplication Chart

	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144