

# Prime Numbers

## Facts

Prime numbers have exactly 2 factors.  
1 is not a prime number as it has only 1 factor.  
2 is the only even prime number.

### Prime Numbers

A natural number greater than 1 with no divisors other than 1 and itself.

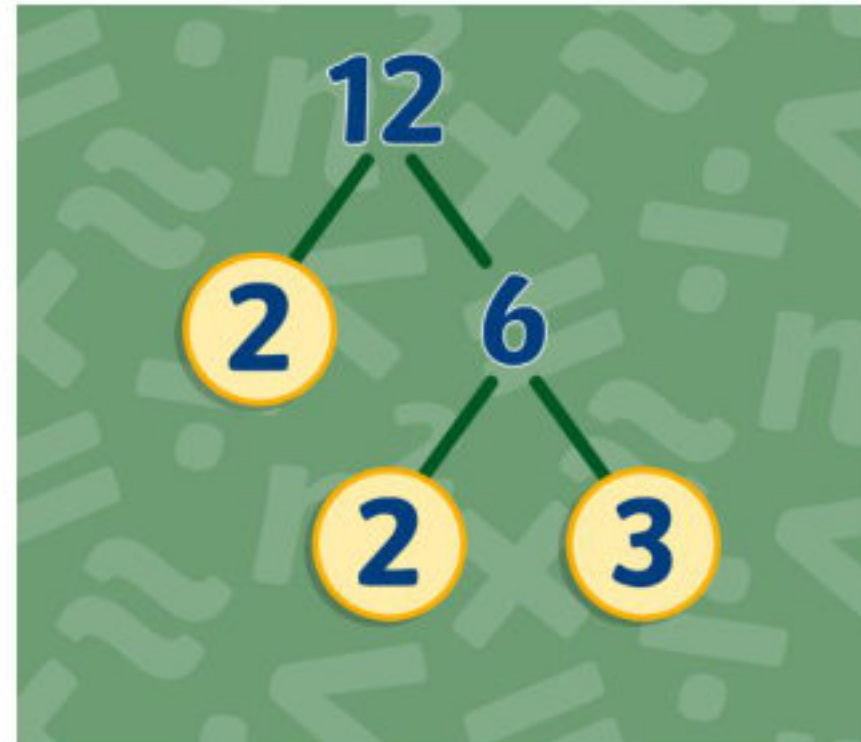
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Remember these facts about Prime Numbers!

There are no even numbers except 2.

There are no prime numbers ending in 5, except 5.

The digits can't add up to 3 except 3 (digital root).



### What are factor trees?

A **factor tree** (also known as a **number tree**) is a diagram that is used to find all the **factors** of a number. Starting with the number at the top of the tree, it then lists the various factors (numbers that divide equally into the number with no **remainder**) as 'branches'. When each factor has been reduced to a **prime number**, the branches end and the tree is complete.