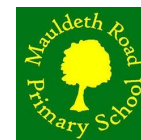


Key Instant Recall Facts

Autumn Term 1 Year 6



I can identify prime numbers to 50.

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

What patterns can you spot?
Can you identify the odd one out?
Why is only one number ending in '5' a prime number?

Talk about prime numbers

Ask your child to memorise the prime numbers up to 50. Can they remember the 15 prime numbers to 50? Can your child explain why a number is prime? How can your child check if a number is prime? What times tables facts could they use?

Challenge - can you learn any of the prime numbers from 50 to 100?

Key Facts

A prime number has only 2 factors - 1 and itself.

1 is NOT a prime number.

2 is the only even prime number. It is also a square number.

All prime numbers are odd, apart from 2.

I can identify common factors of pairs of numbers.

Examples of questions to ask at home

What are the factors of 10?

What factors do 12 and 20 have in common?

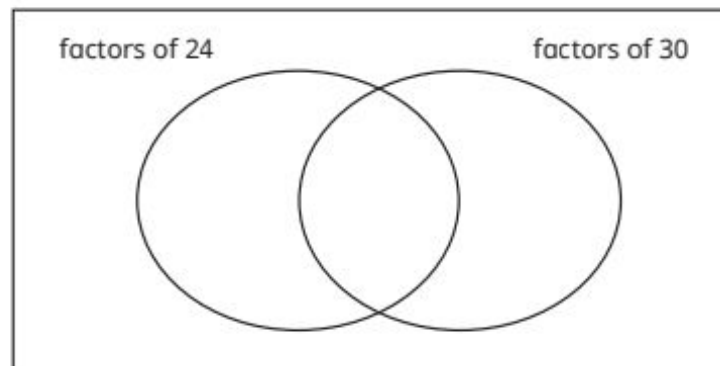
How do you easily tell if 2/5/10 is a factor of a number?

Is 1 a factor of all numbers?

If you know one factor of a number, how can you use it to find another factor of the number?

- Write the numbers in the sorting diagram.

1 2 3 4 5 6 8 10 12 15 24 30



List the common factors of 24 and 30

Useful Websites

<https://www.transum.org/Maths/Game/Primes/Pick.asp>

<https://www.topmarks.co.uk/Search.aspx?q=factors>