

Key Instant Recall Facts

This half term your children are working towards achieving their individual KIRF targets, indicated below. The ultimate aim is for your child to be able to recall these facts **instantly**!

Know the prime numbers up to 100

Helpful hints for parents

- *Create regular opportunities for rapid fire questions where an instant correct answer is required*

Vocabulary: Prime numbers are those numbers (greater than 1) that cannot be divided by any number except themselves and one.

- 1) Write out the numbers from 1 to 100 in ten rows of 10.
- 2) Cross off number 1, because all primes are greater than 1.
- 3) Number 2 is a prime, so we can keep it, but we need to cross off the multiples of 2 (i.e. even numbers).
- 4) Number 3 is also a prime, so again we keep it and cross off the multiples of 3.
- 5) The next number left is 5 (because four has been crossed off), so we keep it and cross off the multiples of this number.
- 6) The final number left in the first row is number 7, so cross off its multiples.
- 7) You have finished. All of the "surviving" numbers on your grid are prime numbers. NOW LEARN THEM. There are 25 altogether.

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

Building confidence in mathematics is crucial so be pleased with their efforts and always encourage with praise. Make sure these practice sessions are enjoyable - if your child is really not in the mood it is the wrong time to be practising!