



Key Instant Recall Facts

Year 6 Spring Term 1

KIRF: *I can find all factors for number up to 12 x 12.*

KIRF: *I can identify prime numbers up to 100.*

Key Vocabulary:

Array- An ordered collection of counters, cubes or other item in rows and columns.

Common factors- A number that can be divided into two different numbers, without leaving a remainder.

Factor- A number that multiplies with another to make a product.

Product- The result of multiplying one number by another.

Prime Number- Prime numbers are positive numbers greater than 1 that are divisible by only 1 and the number itself.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

Factors:

*The **factors** of a number are all numbers, which divide it with no remainder.*

The factors of 24 are 1, 2, 3, 4, 6, 8, 12 and 24

The factors of 56 are 1, 2, 4, 7, 8, 14, 28 and 56.

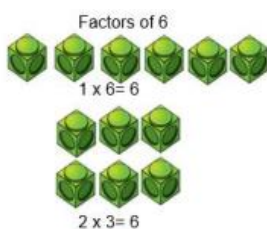
The **common factors** of two numbers are the factors they share.-

The common factors of 24 and 56 are 1, 2, 4 and 8

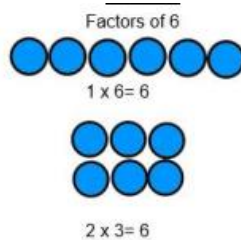
The highest common factor of 24 and 56 is 8.

What will it look like at Cranford School?

Concrete



Pictorial



Abstract





Prime Numbers:

A prime number is a number with no factors other than one and itself. The following numbers are prime numbers:

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

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Concrete

5 is a prime number



Pictorial

5 is a prime number

5				
1	1	1	1	1
5				
5				

Abstract

Prime numbers to 20

2 3 5 7
11 13 17 19