

Key Facts – Year 6 Autumn I

Target – I know the multiplication facts for up to 12 x 12

Key Vocabulary:

multiply times lots of multiple Hints:

Ensure this is practiced regularly but in small bursts.

When practicing, do so in different orders and recall facts from different multiples

Activities

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	41	12
2	2	4		8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	92	48	54	60	66	72
f	7	14	21	28	35	42	49	56	63	70	11	84
8	8	16	24	32	40	48	56	64	72	80	88	96
٩	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	鞘	55	66	77	88	99	130	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

<u>Questions</u>

What is 7 x 4? What is 9 lots of 12? What is a multiple of 84? Is 96 a multiple of 8?

<u>Games</u>

www.timestable.co.uk www.mathschase.com www.topmarks.co.uk

Key Questions?

- Can children quickly recall multiplication facts in any order?
- Can children name the multiplication facts that equal a given number?
- Can children use facts to quickly find the answers to larger facts?



Edenham CE	Ke	Key Facts – Year 6 Autumn 2 get – To find factors pairs of a numbers				
Primary School <	Target – T					
Key Vocabulary: factor prod commo	uct multiplied n factor	Hints: Make links to previous learning on multiplication facts Make links to knowledge of multiplication facts				
		Activities				
24 = 4 × 6 24 = 8 × 3 56 = 7 × 8 54 = 9 × 6	42 = 6 × 7 25 = 5 × 5 84 = 7 × 12 15 = 5 × 3	<u>Games</u> Get children to give a 'fact of a day' This is my number, how many factor pairs can you find? I think '84' has less factor pairs than '12'. Prov it.				

Key Questions

- Can children answer a hypothesis, i.e "The bigger the number, the more factor pairs it has"
- If you give a number, can children recall all the number facts for it in a systematic way?
- Can children explain some numbers do not have any factor pairs and explain why?
- Can children show the factor pairs in a range of ways



Ta Primary School	Key Fac Sp rget – To conv decimals a	cts – Year 6 oring I vert between fractions, and percentages							
Key Vocabulary: fraction decimal j tenths decima	percentage 11 place	Hints: Make links to amounts totalling 100 Draw children's attention to real life situations Use number lines to create pictorial representation							
	Activ	Facts – Year 6 Spring I nvert between fractions, and percentages Image: Strain S							
$\frac{1}{2} = 0.5$ $\frac{1}{4} = 0.25$	$\frac{1}{100} = 0.01$ $\frac{7}{100} = 0.07$	By the end of this half term children should be able to quickly recall these facts. They should also understand							
$\frac{3}{4} = 0.75$ $\frac{1}{10} = 0.1$	$\frac{21}{100} = 0.21$ $\frac{75}{100} = 0.75$	100% = 1 Whole Therefore 21/100 = 21% = 0.21							
$\frac{1}{5} = 0.2$ $\frac{3}{5} = 0.6$	$\frac{99}{100} = 0.99$	It is not more than 100 so it cannot be 'a							

 $\frac{9}{10} = 0.9$

It is not more than 100 so it cannot be 'a whole'





prime number composite number factor multiple When discussing prime numbers, bring multiplication knowledge into the conversation. Remind children of previous learning, when revising prime numbers to 20.

Activities

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

Questions

How do I know if a number is prime? What is the next prime number after 37? What is the largest prime number below 50?

<u>Games</u>

Number cards to 50 face down, take turns to turn one over, if it is a prime number the first person to shout "PRIME!" wins the card.

Player I says a prime number, Player 2 says the next prime number, keep going back and forth until someone says the wrong prime number.

Key Questions?

- Can a child explain why a specific prime number is prime?
- Can a child quickly recall what the prime number is a multiple of?
- Can a child explain why a certain number is not prime?

