



Hippings Methodist Primary School

Key Instant Recall Facts Year 6 – Autumn 1

I know the multiplication and division facts for all times tables up to 12 x 12.
I know the multiplication and division facts for the 25, 50, 75 & 100 times table.

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

This is a chance for Year 6 children to consolidate their knowledge of multiplication and division facts and to increase their speed of recall. They should also know that any number multiplied by 0 is equal to 0.

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	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	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	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	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

x	25	50	75	100
1	25	50	75	100
2	50	100	150	200
3	75	150	225	300
4	100	200	300	400
5	125	250	375	500
6	150	300	450	600
7	175	350	525	700
8	200	400	600	800
9	225	450	675	900
10	250	500	750	1000
11	275	550	825	1100
12	300	600	900	1200
Squared	625	2,500	5,625	10,000

Key Vocabulary

What is 8 **multiplied by** 6?
What is 7 **times** 4?
What is 81 **divided by** 9?
What is the **product** of 5 and 7?
What is eleven **lots of** 9?
Eleven 6s are?
What is 9 **squared**?
Eleven **groups of** 7 make?
Share 108 into 9 groups.
How many is in each group?

They should be able to work out missing number problems, e.g. $6 \times \square = 72$ $\square \div 4 = 4$

Children who have already mastered their times tables should apply this knowledge to answer questions including decimals, e.g. $0.7 \times \square = 4.2$ or $\square \div 60 = 0.7$

Top Tips!

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a fact of the day? If you would like more ideas, please speak to your child's teacher.

Speed challenge – Take 2 packs of playing cards and remove the kings. Turn over 2 cards and ask your child to multiply the numbers together. (Ace = 1, Jack = 11, Queen = 12) How many questions can they answer correctly in 2 minutes? Practise regularly and see if they can beat their highest score.

Play online – Your child should already be accessing Times Tables Rock Stars regularly at www.ttrockstars.com. Please contact their teacher if you have misplaced their log-in details.