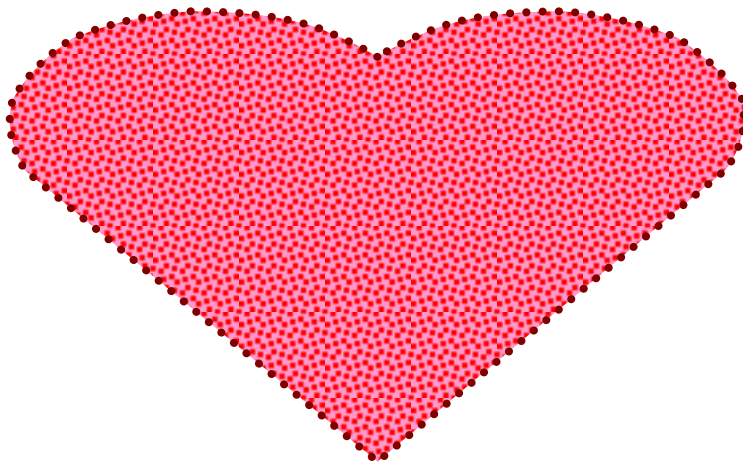**FARNHAM PRIMARY SCHOOL**

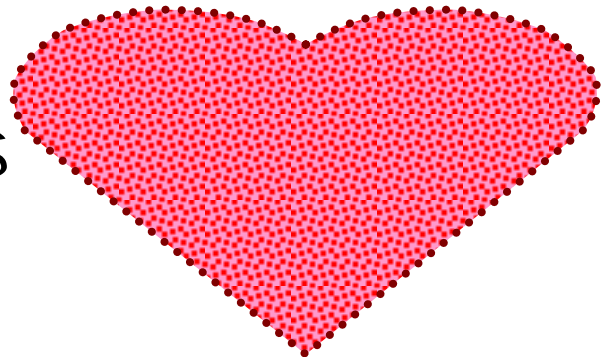**F P S**

Name:

Class:

My Learn by heart Homework

Year 6

Learn by heart Homework

Practise one learn by heart every week. Everytime you practise, ask a parent to date and sign. Hand it in every Monday so that school knows you are learning them. Keep going back to the same ones so you don't forget them.

Practise makes perfect!

I know all the times tables to 12 x 12 and the related division facts.:

Times Table square

X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

I know the multiplication and division facts for the 2 times table.

0 x 2 =0	0 ÷ 2 = 0
1 x 2 =2	2 ÷ 2 = 1
2 x 2 = 4	4 ÷ 2 = 2
3 x 2 = 6	6 ÷ 2 = 3
4 x 2 = 8	8 ÷ 2 = 4
5 x 2 = 10	10 ÷ 2 = 5
6 x 2 = 12	12 ÷ 2 = 6
7 x 2 = 14	14 ÷ 2 = 7
8 x 2 =16	16 ÷ 2 = 8
9 x 2 = 18	18 ÷ 2 = 9
10 x 2 = 20	20 ÷ 2 = 10
11 x 2 = 22	22 ÷ 2 = 11
12 x 2 =24	24 ÷ 2 = 12

I know the multiplication and division facts for the 2 times table.

Date	Parent sign

Date	Parent sign

Comment / Need to learn:

I know multiplication and division facts for the 3 times table.

0 x 3 = 0	0 ÷ 3 = 0
1 x 3 = 3	3 ÷ 3 = 1
2 x 3 = 6	6 ÷ 3 = 2
3 x 3 = 9	9 ÷ 3 = 3
4 x 3 = 12	12 ÷ 3 = 4
5 x 3 = 15	15 ÷ 3 = 5
6 x 3 = 18	18 ÷ 3 = 6
7 x 3 = 21	21 ÷ 3 = 7
8 x 3 = 24	24 ÷ 3 = 8
9 x 3 = 27	27 ÷ 3 = 9
10 x 3 = 30	30 ÷ 3 = 10
11 x 3 = 33	33 ÷ 3 = 11
12 x 3 = 36	36 ÷ 3 = 12

I know multiplication and division facts for the 3 times table.

Date	Parent sign

Date	Parent sign

Comment / Need to learn:

I know multiplication and division facts for the 4 times table.

0 x 4 = 0	0 ÷ 4 = 0
1 x 4 = 4	4 ÷ 4 = 1
2 x 4 = 8	8 ÷ 4 = 2
3 x 4 = 12	12 ÷ 4 = 3
4 x 4 = 16	16 ÷ 4 = 4
5 x 4 = 20	20 ÷ 4 = 5
6 x 4 = 24	24 ÷ 4 = 6
7 x 4 = 28	28 ÷ 4 = 7
8 x 4 = 32	32 ÷ 4 = 8
9 x 4 = 36	36 ÷ 4 = 9
10 x 4 = 40	40 ÷ 4 = 10
11 x 4 = 44	44 ÷ 4 = 11
12 x 4 = 48	48 ÷ 4 = 12

I know multiplication and division facts for the 4 times table.

Date	Parent sign

Date	Parent sign

Comment / Need to learn:

I know the multiplication and division facts for the 5 times table.

$0 \times 5 = 0$	$0 \div 5 = 0$
$1 \times 5 = 5$	$5 \div 5 = 1$
$2 \times 5 = 10$	$10 \div 5 = 2$
$3 \times 5 = 15$	$15 \div 5 = 3$
$4 \times 5 = 20$	$20 \div 5 = 4$
$5 \times 5 = 25$	$25 \div 5 = 5$
$6 \times 5 = 30$	$30 \div 5 = 6$
$7 \times 5 = 35$	$35 \div 5 = 7$
$8 \times 5 = 40$	$40 \div 5 = 8$
$9 \times 5 = 45$	$45 \div 5 = 9$
$10 \times 5 = 50$	$50 \div 5 = 10$
$11 \times 5 = 55$	$55 \div 5 = 11$
$12 \times 5 = 60$	$60 \div 5 = 12$

I know the multiplication and division facts for the 5 times table.

Date	Parent sign

Date	Parent sign

Comment / Need to learn:

I know the multiplication and division facts for the 6 times table.

0 x 6 = 0	0 ÷ 6 = 0
1 x 6 = 6	6 ÷ 6 = 1
2 x 6 = 12	12 ÷ 6 = 2
3 x 6 = 18	18 ÷ 6 = 3
4 x 6 = 24	24 ÷ 6 = 4
5 x 6 = 30	30 ÷ 6 = 5
6 x 6 = 36	36 ÷ 6 = 6
7 x 6 = 42	42 ÷ 6 = 7
8 x 6 = 48	48 ÷ 6 = 8
9 x 6 = 54	54 ÷ 6 = 9
10 x 6 = 60	60 ÷ 6 = 10
11 x 6 = 66	66 ÷ 6 = 11
12 x 6 = 72	72 ÷ 6 = 12

I know the multiplication and division facts for the 6 times table

Date	Parent sign

Date	Parent sign

Comment / Need to learn:

I know the multiplication and division facts for the 7 times table.

0 x 7 = 0	0 ÷ 7 = 0
1 x 7 = 7	7 ÷ 7 = 1
2 x 7 = 14	14 ÷ 7 = 2
3 x 7 = 21	21 ÷ 7 = 3
4 x 7 = 28	28 ÷ 7 = 4
5 x 7 = 35	35 ÷ 7 = 5
6 x 7 = 42	42 ÷ 7 = 6
7 x 7 = 49	49 ÷ 7 = 7
8 x 7 = 56	56 ÷ 7 = 8
9 x 7 = 63	63 ÷ 7 = 9
10 x 7 = 70	70 ÷ 7 = 10
11 x 7 = 77	77 ÷ 7 = 11
12 x 7 = 84	84 ÷ 7 = 12

I know the multiplication and division facts for the 7 times table.

Date	Parent sign		Date	Parent sign

Comment / Need to learn:

I know multiplication and division facts for the 8 times table.

0 x 8 = 0	0 ÷ 8 = 0
1 x 8 = 8	8 ÷ 8 = 1
2 x 8 = 16	16 ÷ 8 = 2
3 x 8 = 24	24 ÷ 8 = 3
4 x 8 = 32	32 ÷ 8 = 4
5 x 8 = 40	40 ÷ 8 = 5
6 x 8 = 48	48 ÷ 8 = 6
7 x 8 = 56	56 ÷ 8 = 7
8 x 8 = 64	64 ÷ 8 = 8
9 x 8 = 72	72 ÷ 8 = 9
10 x 8 = 80	80 ÷ 8 = 10
11 x 8 = 88	88 ÷ 8 = 11
12 x 8 = 96	96 ÷ 8 = 12

I know multiplication and division facts for the 8 times table.

Date	Parent sign		Date	Parent sign

Comment / Need to learn:

I know multiplication and division facts for the 9 times table.

0 x 9 = 0	0 ÷ 9 = 0
1 x 9 = 9	9 ÷ 9 = 1
2 x 9 = 18	18 ÷ 9 = 2
3 x 9 = 27	27 ÷ 9 = 3
4 x 9 = 36	36 ÷ 9 = 4
5 x 9 = 45	45 ÷ 9 = 5
6 x 9 = 54	54 ÷ 9 = 6
7 x 9 = 63	63 ÷ 9 = 7
8 x 9 = 72	72 ÷ 9 = 8
9 x 9 = 81	81 ÷ 9 = 9
10 x 9 = 90	90 ÷ 9 = 10
11 x 9 = 99	99 ÷ 9 = 11
12 x 9 = 108	108 ÷ 9 = 12

I know multiplication and division facts for the 9 times table.

Date	Parent sign

Date	Parent sign

Comment / Need to learn:

I know the multiplication and division
facts for the 10 times table.

0 x 10 = 0	0 ÷ 10 = 0
1 x 10 = 10	10 ÷ 10 = 1
2 x 10 = 20	20 ÷ 10 = 2
3 x 10 = 30	30 ÷ 10 = 3
4 x 10 = 40	40 ÷ 10 = 4
5 x 10 = 50	50 ÷ 10 = 5
6 x 10 = 60	60 ÷ 10 = 6
7 x 10 = 70	70 ÷ 10 = 7
8 x 10 = 80	80 ÷ 10 = 8
9 x 10 = 90	90 ÷ 10 = 9
10 x 10 = 100	100 ÷ 10 =10
11 x 10 = 110	110 ÷ 10 =11
12 x 10 = 120	120 ÷ 10 =12

I know the multiplication and division facts for the 10 times table.

Date	Parent sign

Date	Parent sign

Comment / Need to learn:

I know the multiplication and division facts for the 11 times table.

0 x 11 = 0	0 ÷ 11 = 0
1 x 11 = 11	11 ÷ 11 = 1
2 x 11 = 22	22 ÷ 11 = 2
3 x 11 = 33	33 ÷ 11 = 3
4 x 11 = 44	44 ÷ 11 = 4
5 x 11 = 55	55 ÷ 11 = 5
6 x 11 = 66	66 ÷ 11 = 6
7 x 11 = 77	77 ÷ 11 = 7
8 x 11 = 88	88 ÷ 11 = 8
9 x 11 = 99	99 ÷ 11 = 9
10 x 11 = 110	110 ÷ 11 = 10
11 x 11 = 121	121 ÷ 11 = 11
12 x 11 = 132	132 ÷ 11 = 12

I know the multiplication and division facts for the 11 times table.

Date	Parent sign		Date	Parent sign

Comment / Need to learn:

I know the multiplication and division facts for the 12 times table.

0 x 12 = 0	0 ÷ 12 = 0
1 x 12 = 12	12 ÷ 12 = 1
2 x 12 = 24	24 ÷ 12 = 2
3 x 12 = 36	36 ÷ 12 = 3
4 x 12 = 48	48 ÷ 12 = 4
5 x 12 = 60	60 ÷ 12 = 5
6 x 12 = 72	72 ÷ 12 = 6
7 x 12 = 84	84 ÷ 12 = 7
8 x 12 = 96	96 ÷ 12 = 8
9 x 12 = 108	108 ÷ 12 = 9
10 x 12 = 120	120 ÷ 12 = 10
11 x 12 = 132	132 ÷ 12 = 11
12 x 12 = 144	144 ÷ 12 = 12

I know the multiplication and division facts for the 12 times table.

Date	Parent sign

Date	Parent sign

Comment / Need to learn:

I will know all prime numbers up to 100.

2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97

What is a Prime Number?

A prime number is a whole number which can be divided exactly by two different numbers - 1 and itself.
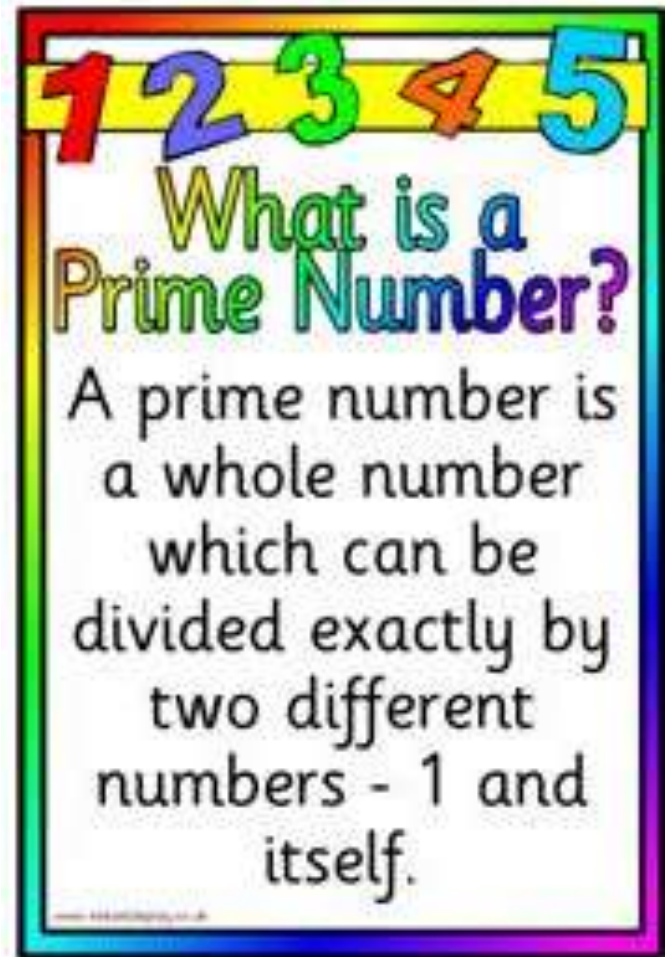
I will know all prime numbers up to 100.

Date	Parent sign

Date	Parent sign

Comment / Need to learn:

I know how to find 1%, 5%, 10%, 25% and 50% of whole numbers with explanation.

e.g	1 %	10 %	5 %	50 %	25 %
30	0.3	3	1.5	15	7.5
300	3	30	15	150	75
180	1.8	18	9	90	45

What do you notice?

I know how to find 1%, 5%, 10%, 25% and 50% of whole numbers with explanation.

Date	Parent sign	Date	Parent sign

Comment / Need to learn:

I know the equivalent fractions, decimals and percentages.

Fraction	Decimal	Percent
1	1.0	100%
1/3	.333	33.3%
1/4	.25	25%
1/5	.2	20%
1/8	.125	12.5%
1/10	.1	10%
1/2	.5	50%
2/3	.666	66.6%
3/4	.75	75%
2/5	.4	40%
5/8	.624	62.5%
9/10	.9	90%

I know the equivalent fractions, decimals and percentages.

Date	Parent sign

Date	Parent sign

Comment / Need to learn:

Date	Parent sign	Date	Parent sign

Comment / Need to learn:

Date	Parent sign	Date	Parent sign

Comment / Need to learn:

4 ways to know your learn by hearts:

1. **Read** your learn by heart books at home *every week.*

2. Look for **patterns** or number facts.

3. **Say** the facts over and over again.

4. Ask your family to test you until you can say the answers as fast as **clicking** *your fingers!*