

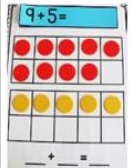
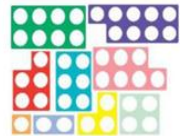


Year 1 maths homework Autumn 2 -From our Redeemer Mental Maths Policy

Year 1 Recall +/−/×/÷	Example Mental Calculations ... jottings if needed	Mental Strategies +/−/×/÷ ...how & when to apply strategies
<ul style="list-style-type: none"> number pairs within 20 know what to add to a single-digit number to make 16, e.g. $7 + \underline{\quad} = 16$ addition facts for totals to 20, addition doubles for all numbers to 20, doubles of all numbers to 10, odd and even numbers to 20 	<ul style="list-style-type: none"> add or subtract a pair of single-digit numbers, e.g. $4 + 5, 8 - 3$ add or subtract a single-digit number to or from a teens number, e.g. $13 + 5, 17 - 3$ add or subtract a single-digit to or from 20, and add a multiple of 10 to a single-digit number, e.g. $10 + 7, 7 + 20$ add near doubles, e.g. $6 + 7$ count on from and back to zero in ones, twos, fives or tens 	<ul style="list-style-type: none"> reorder numbers when adding e.g. larger number first count on or back in ones, twos or tens partition small numbers, e.g. $8 + 3 = 8 + 2 + 1$ partition and combine tens and ones partition: double and adjust, e.g. $5 + 6 = 5 + 5 + 1$ use patterns of last digits, e.g. 0 and 5 when counting in fives 

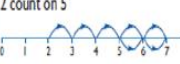


$9 + 5 =$



37 **30** **7**

$2 + 5 = 7$ 2 count on 5




$5 + 2 = 7$ 5 count on 2

EVEN numbers have a 0, 2, 4, 6, or 8 in the ones place.


ODD numbers have a 1, 3, 5, 7, or 9 in the ones place.

Count the snails by 2s.



Counting in 5s

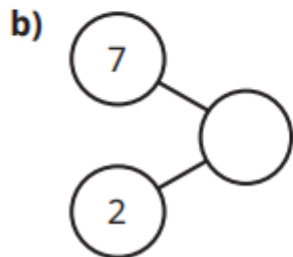
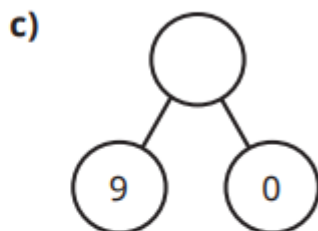
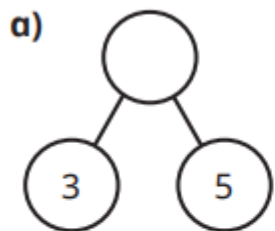
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



This homework is designed to support your child's learning in class. Each objective will have been covered in school during the autumn term. There are four questions to complete each week and these will be assessed in school during lessons.

Week 1 – writing equations

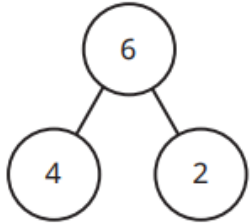
Complete the part-whole models.
Write an addition sentence for each.



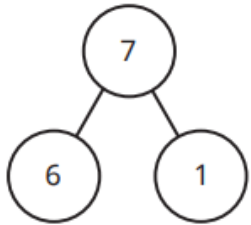
Week 2 – Write the fact families

Write the fact families.

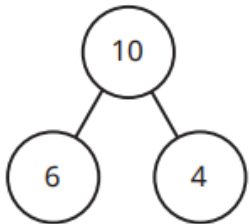
a)



b)



c)



Week 3 – Number bonds within 10

Colour all the number bonds to 9

$8 + 2$	$4 + 5$	$7 + 2$	$0 + 9$	$0 + 7$
$9 + 1$	$2 + 7$	$8 + 2$	$8 + 1$	$3 + 4$
$7 + 1$	$3 + 6$	$1 + 8$	$5 + 4$	$5 + 3$
$4 + 4$	$0 + 8$	$9 + 1$	$6 + 3$	$2 + 6$
$7 + 3$	$5 + 3$	$2 + 6$	$9 + 0$	$9 + 1$

Week 4 – Equations to show number bonds

The counters show all the number bonds to 6

Write a number sentence for each bond.

 0 + 6 = 6

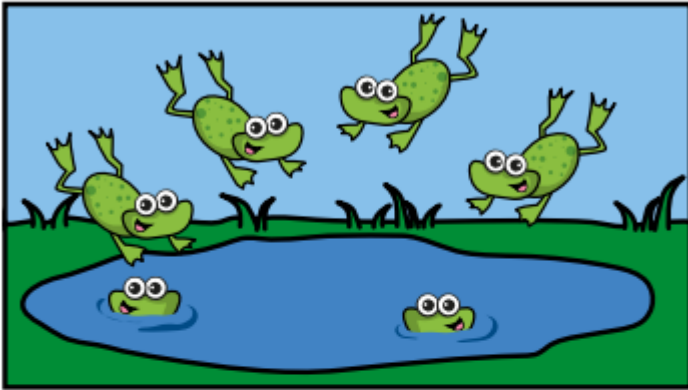
 1 + 5 =



Week 5 – Add more

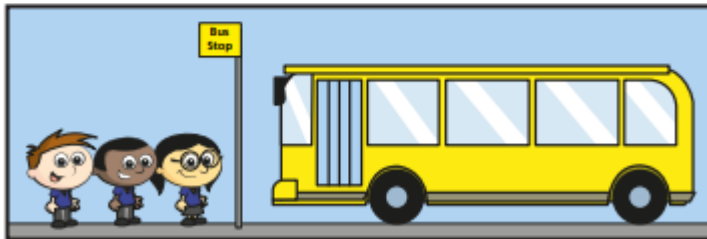
There are 2 frogs in a pond.

4 more frogs jump in the pond.



How many frogs are in the pond now?

There are 5 children on the bus.



3 more children get on the bus.

How many children are on the bus now?

3 Mo has this money.



Ben gives Mo 5 more pennies.

How many pennies does Mo have now?

Answers for week 1 and 2

Week 1 – a) $3 + 5 = 8$ b) $7 + 2 = 9$ c) $9 + 0 = 9$

Week 2 – a) $4 + 2 = 6$ $2 + 4 = 6$ $6 - 2 = 4$ $6 - 4 = 2$

b) $6 + 1 = 7$ $1 + 6 = 7$ $7 - 1 = 6$ $7 - 6 = 1$

c) $6 + 4 = 10$ $4 + 6 = 10$ $10 - 4 = 6$ $10 - 6 = 4$