

# ADDITION FACTS

**Year 1** the 87 facts contained in the outer rectangle

- Adding 1 (eg  $7 + 1$  and  $1 + 7$ )
- Doubles of numbers to 5 (eg  $4 + 4$ )
- Adding 2 (eg  $4 + 2$  and  $2 + 4$ )
- Number bonds to 10 (eg  $8 + 2$  and  $2 + 8$ )
- Adding 10 to a number (eg  $5 + 10$  and  $10 + 5$ )
- Adding 0 to a number (eg  $3 + 0$  and  $0 + 3$ )
- The ones without a family:  $5 + 3$ ,  $3 + 5$ ,  $6 + 3$ ,  $3 + 6$

**Year 2** the 34 facts in the inner 'triangle'

- Know or derive a quick strategy (not counting):
- Near doubles:  $8 + 9 = 8 + 8 + 1$
- Bridging:  $8 + 9 = 8 + 2 + 7$
- Compensation:  $8 + 9 = 8 + 10 - 1$
- Doubles:  $7 + 7$
- Near doubles:  $5 + 6$



+	0	1	2	3	4	5	6	7	8	9	10
0	$0 + 0$	$0 + 1$	$0 + 2$	$0 + 3$	$0 + 4$	$0 + 5$	$0 + 6$	$0 + 7$	$0 + 8$	$0 + 9$	$0 + 10$
1	$1 + 0$	$1 + 1$	$1 + 2$	$1 + 3$	$1 + 4$	$1 + 5$	$1 + 6$	$1 + 7$	$1 + 8$	$1 + 9$	$1 + 10$
2	$2 + 0$	$2 + 1$	$2 + 2$	$2 + 3$	$2 + 4$	$2 + 5$	$2 + 6$	$2 + 7$	$2 + 8$	$2 + 9$	$2 + 10$
3	$3 + 0$	$3 + 1$	$3 + 2$	$3 + 3$	$3 + 4$	$3 + 5$	$3 + 6$	$3 + 7$	$3 + 8$	$3 + 9$	$3 + 10$
4	$4 + 0$	$4 + 1$	$4 + 2$	$4 + 3$	$4 + 4$	$4 + 5$	$4 + 6$	$4 + 7$	$4 + 8$	$4 + 9$	$4 + 10$
5	$5 + 0$	$5 + 1$	$5 + 2$	$5 + 3$	$5 + 4$	$5 + 5$	$5 + 6$	$5 + 7$	$5 + 8$	$5 + 9$	$5 + 10$
6	$6 + 0$	$6 + 1$	$6 + 2$	$6 + 3$	$6 + 4$	$6 + 5$	$6 + 6$	$6 + 7$	$6 + 8$	$6 + 9$	$6 + 10$
7	$7 + 0$	$7 + 1$	$7 + 2$	$7 + 3$	$7 + 4$	$7 + 5$	$7 + 6$	$7 + 7$	$7 + 8$	$7 + 9$	$7 + 10$
8	$8 + 0$	$8 + 1$	$8 + 2$	$8 + 3$	$8 + 4$	$8 + 5$	$8 + 6$	$8 + 7$	$8 + 8$	$8 + 9$	$8 + 10$
9	$9 + 0$	$9 + 1$	$9 + 2$	$9 + 3$	$9 + 4$	$9 + 5$	$9 + 6$	$9 + 7$	$9 + 8$	$9 + 9$	$9 + 10$
10	$10 + 0$	$10 + 1$	$10 + 2$	$10 + 3$	$10 + 4$	$10 + 5$	$10 + 6$	$10 + 7$	$10 + 8$	$10 + 9$	$10 + 10$

Colours represent:

adding 1 and 2
bonds to 10
adding 10
adding 0
doubles
near doubles
bridging / compensating

