

$0+0$

$1+0$

$2+0$

$1+1$

$3+0$

$2+1$

$4+0$

$2+2$

$3+1$

$5+0$

$4+1$

$3+2$

$6+0$

$5+1$

$4+2$

$3+3$

$7+0$

$6+1$

$5+2$

$4+3$

$8+0$

2	1	0
3	3	2
4	4	4
5	5	5
6	6	6
7	7	6
8	7	7

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

White = add 0 (the 1st number doesn't change)
Blue = add 1 (one more than the 1st number)
Grey = add 2 (two more than the 1st number)
Yellow = double
Green = near double
Pink = more tricky

8

8

8

9

9

8

9

9

9

10

10

10

10

10

10

0-0

1-0

1-1

2-0

2-1

2-2

3-0

3-1

3-2

3-3

4-0

4-1

4-2

4-3

4-4

5-0

5-1

5-2

5-3

5-4

5-5

0	1	0
0	1	2
1	2	3
3	4	0
0	1	2
3	4	5
0	1	2

$6-0$

$6-1$

$6-2$

$6-3$

$6-4$

$6-5$

$6-6$

$7-0$

$7-1$

$7-2$

$7-3$

$7-4$

$7-5$

$7-6$

$7-7$

$8-0$

$8-1$

$8-2$

$8-3$

$8-4$

$8-5$

4	5	6
1	2	3
6	7	0
3	4	5
0	1	2
6	7	8
3	4	5

$8-6$

$8-7$

$8-8$

$9-0$

$9-1$

$9-2$

$9-3$

$9-4$

$9-5$

$9-6$

$9-7$

$9-8$

$9-9$

$10-0$

$10-1$

$10-2$

$10-3$

$10-4$

$10-5$

$10-6$

$10-7$

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

$10-8$

$10-9$

$10-10$

White = subtract 0 (the 1st number doesn't change)

Blue = subtract 1 (one less than the 1st number)

Grey = subtract 2 (two less than the 1st number)

Yellow = subtract itself always leaves 0

Green = subtract the next door neighbour number always leaves 1

Red = take away half the number leaves the other half

Purple = finger calculation - create the 1st number using 5 fingers on one hand, the rest on the other hand subtract one part of the calculation

Orange = the difference between the two numbers is 2, so the answer is 2.

Pink = more tricky

0	1	2
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Activities

- Sort the calculations into those which make the same amount. Can we find a pattern?
- Sort the cards into calculations we know, calculations we can work out quickly, calculations we need to practise more often.
- Flash the calculation - how quickly can we answer it (answer on the back).
- Pairs/ Pelmanism: Lay the cards out with the calculation showing. Find two which have the same matching answer (turn over to check) e.g. $5 + 1$ matches to $4 + 2$ because they both equal 6.
- Pick a card - show the child the answer and give clues to help them guess the calculation e.g. I'm showing you 5, the question is a take-away and it has a 7 at the beginning, what is the calculation? ($7-2$). Rephrase if necessary e.g. 7 take-away something is 5. Use fingers or objects for support to find the missing number.
- Bingo 1: Use the number side to play bingo. Each player lays out 6 numbers (answers). Bingo caller calls out a calculation. If you have the answer, cover it up, the first person to cover up all their numbers calls bingo and is the winner.
- Bingo 2: Each player lays out 6 calculations. Bingo caller calls out a number (answer). If you have a calculation, which makes that answer, cover it up, the first person to cover up all their calculations calls bingo and is the winner.