

Adding 1	Bonds to 10	Adding 10	Bridging/compensating
Adding 2	Adding 0	Doubles	Near doubles

+	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

Addition facts to 20

Phase 1: adding 1

$2 + 1 = 3$

$1 + 2 = 3$

$3 + 1 = 4$

$1 + 3 = 4$

$4 + 1 = 5$

$1 + 4 = 5$

$5 + 1 = 6$

$1 + 5 = 6$

$6 + 1 = 7$

$1 + 6 = 7$

$7 + 1 = 8$

$1 + 7 = 8$

$8 + 1 = 9$

$1 + 8 = 9$

Addition facts to 20

Phase 2: doubles and near
doubles to 5

$$1 + 1 = 2$$

$$2 + 2 = 4$$

$$3 + 3 = 6$$

$$4 + 4 = 8$$

$$5 + 5 = 10$$

$$4 + 3 = 7$$

$$3 + 4 = 7$$

$$5 + 4 = 9$$

$$4 + 5 = 9$$

Addition facts to 20

Phase 3: adding 2

$3 + 2 = 5$

$2 + 3 = 5$

$4 + 2 = 6$

$2 + 4 = 6$

$5 + 2 = 7$

$2 + 5 = 7$

$6 + 2 = 8$

$2 + 6 = 8$

$7 + 2 = 9$

$2 + 7 = 9$

Addition facts to 20

Phase 4: number bonds to 10

$$10 + 0 = 10$$

$$9 + 1 = 10$$

$$8 + 2 = 10$$

$$7 + 3 = 10$$

$$6 + 4 = 10$$

$$4 + 6 = 10$$

$$3 + 7 = 10$$

$$2 + 8 = 10$$

$$1 + 9 = 10$$

$$0 + 10 = 10$$

Addition facts to 20

Phase 5: adding 0 to a number

$$0 + 0 = 0$$

$$1 + 0 = 1$$

$$0 + 1 = 1$$

$$2 + 0 = 2$$

$$0 + 2 = 2$$

$$3 + 0 = 3$$

$$0 + 3 = 3$$

$$4 + 0 = 4$$

$$0 + 4 = 4$$

$$5 + 0 = 5$$

$$0 + 5 = 5$$

$$6 + 0 = 6$$

$$0 + 6 = 6$$

$$7 + 0 = 7$$

$$0 + 7 = 7$$

$$8 + 0 = 8$$

$$0 + 8 = 8$$

$$9 + 0 = 9$$

$$0 + 9 = 9$$

Addition facts to 20

Phase 6: adding 10 to a number

$1 + 10 = 11$

$10 + 1 = 11$

$2 + 10 = 12$

$10 + 2 = 12$

$3 + 10 = 13$

$10 + 3 = 13$

$4 + 10 = 14$

$10 + 4 = 14$

$5 + 10 = 15$

$10 + 5 = 15$

$6 + 10 = 16$

$10 + 6 = 16$

$7 + 10 = 17$

$10 + 7 = 17$

$8 + 10 = 18$

$10 + 8 = 18$

$9 + 10 = 19$

$10 + 9 = 19$

Addition facts to 20

Phase 7: 'Facts without a family'

$$5 + 3 = 8$$

$$3 + 5 = 8$$

$$6 + 3 = 9$$

$$3 + 6 = 9$$

Addition facts to 20

Phase 8: Doubles to 10

$$6 + 6 = 12$$

$$7 + 7 = 14$$

$$8 + 8 = 16$$

$$9 + 9 = 18$$

$$10 + 10 = 20$$

Addition facts to 20

Phase 9: Near doubles to 9

$$6 + 5 = 11$$

$$5 + 6 = 11$$

$$7 + 6 = 13$$

$$6 + 7 = 13$$

$$8 + 7 = 15$$

$$7 + 8 = 15$$

$$9 + 8 = 17$$

$$8 + 9 = 17$$

Addition facts to 20

Phase 10: Bridging and
compensating (1)

$8 + 3 = 11$

$3 + 8 = 11$

$9 + 3 = 12$

$3 + 9 = 12$

$7 + 4 = 11$

$4 + 7 = 11$

$8 + 4 = 12$

$4 + 8 = 12$

$9 + 4 = 13$

$4 + 9 = 13$

Addition facts to 20

Phase 10: bridging and
compensating (2)

$7 + 5 = 12$

$5 + 7 = 12$

$8 + 5 = 13$

$5 + 8 = 13$

$9 + 5 = 14$

$5 + 9 = 14$

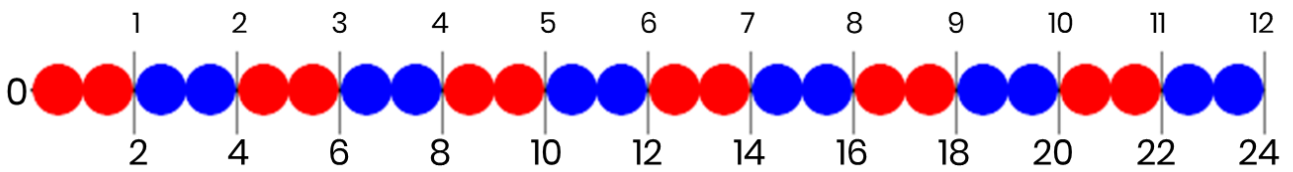
$9 + 6 = 15$

$6 + 9 = 15$

$9 + 7 = 16$

$7 + 9 = 16$

Counting in 2s



x 2

$$1 \times 2 = 2$$

$$2 \times 2 = 4$$

$$3 \times 2 = 6$$

$$4 \times 2 = 8$$

$$5 \times 2 = 10$$

$$6 \times 2 = 12$$

$$7 \times 2 = 14$$

$$8 \times 2 = 16$$

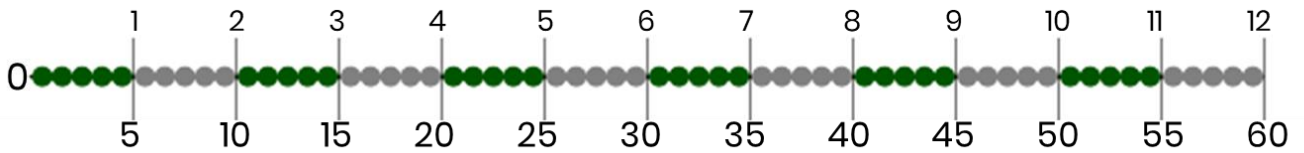
$$9 \times 2 = 18$$

$$10 \times 2 = 20$$

$$11 \times 2 = 22$$

$$12 \times 2 = 24$$

Counting in 5s



x 5

$$1 \times 5 = 5$$

$$2 \times 5 = 10$$

$$3 \times 5 = 15$$

$$4 \times 5 = 20$$

$$5 \times 5 = 25$$

$$6 \times 5 = 30$$

$$7 \times 5 = 35$$

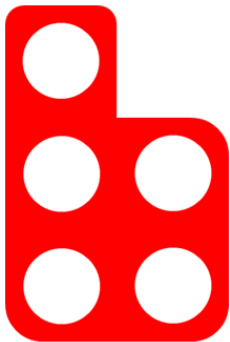
$$8 \times 5 = 40$$

$$9 \times 5 = 45$$

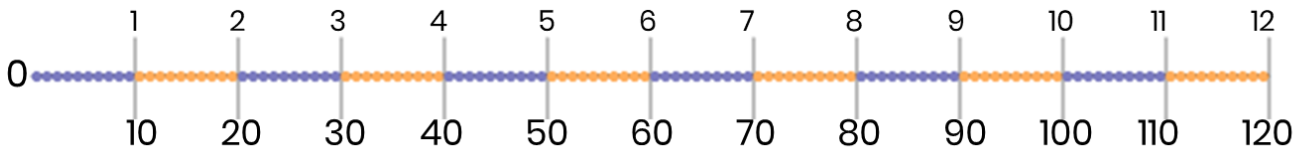
$$10 \times 5 = 50$$

$$11 \times 5 = 55$$

$$12 \times 5 = 60$$



Counting in 10s



x 10

$$1 \times 10 = 10$$

$$2 \times 10 = 20$$

$$3 \times 10 = 30$$

$$4 \times 10 = 40$$

$$5 \times 10 = 50$$

$$6 \times 10 = 60$$

$$7 \times 10 = 70$$

$$8 \times 10 = 80$$

$$9 \times 10 = 90$$

$$10 \times 10 = 100$$

$$11 \times 10 = 110$$

$$12 \times 10 = 120$$

