

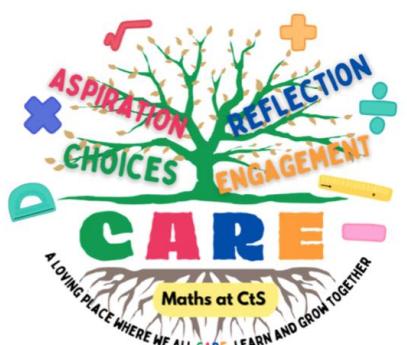
CtS

Maths Fluency Targets

Autumn Term

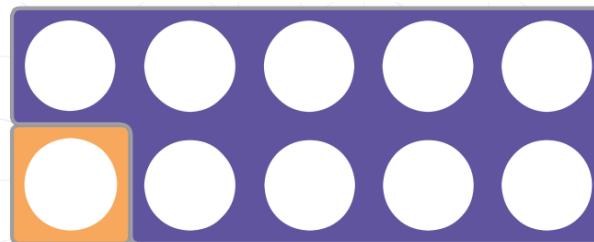
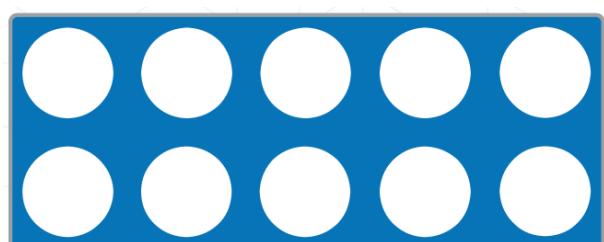
	Autumn		
Year 1	Bonds to 10	Count in 2s	Count in 10s
Year 2	Bonds to 20	Bonds to 100	Doubles to 20
Year 3	Bonds to 100	2x 5x 10x	4x 8x
Year 4	2X 5X 10X	4x 8x	3x 6x 12x
Year 5	4x 8x	3x 6x 12x	7x 9x
Year 6	All x tables	Square numbers	Prime numbers





Year 1 Autumn Target 1:

To know number bonds to 10

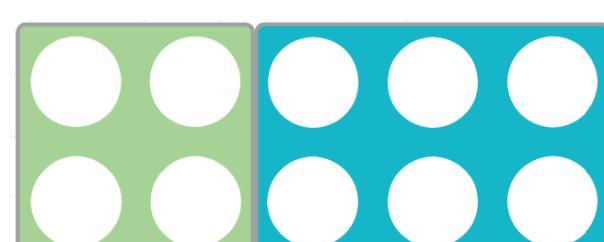
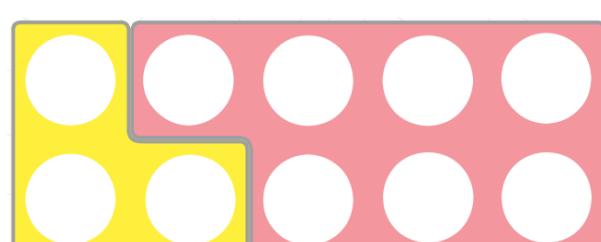
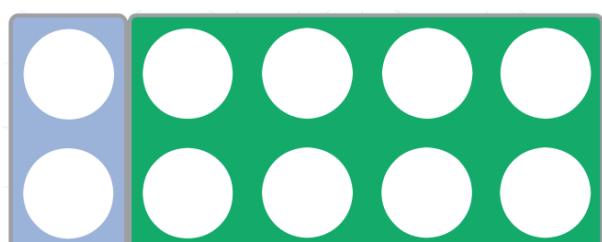


$$0 + 10 = 10$$

$$1 + 9 = 10$$

$$10 - 10 = 0$$

$$10 - 9 = 1$$



$$2 + 8 = 10$$

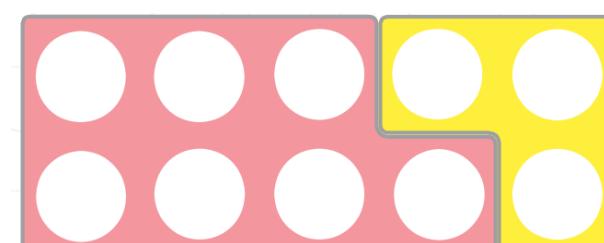
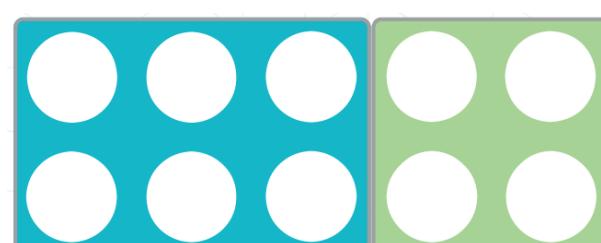
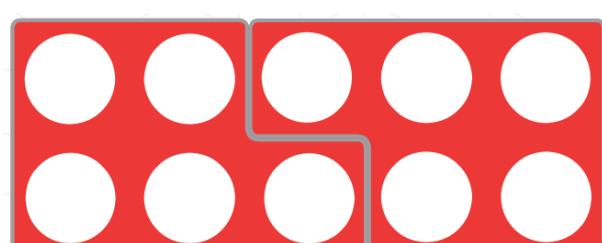
$$3 + 7 = 10$$

$$4 + 6 = 10$$

$$10 - 8 = 2$$

$$10 - 7 = 3$$

$$10 - 6 = 4$$



$$5 + 5 = 10$$

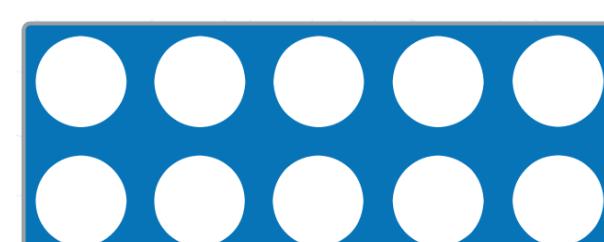
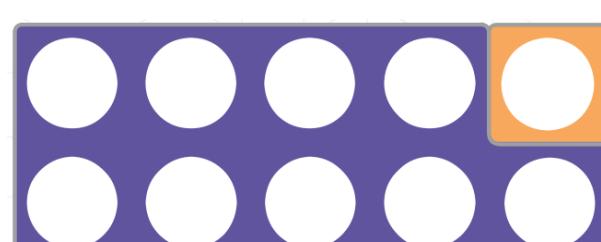
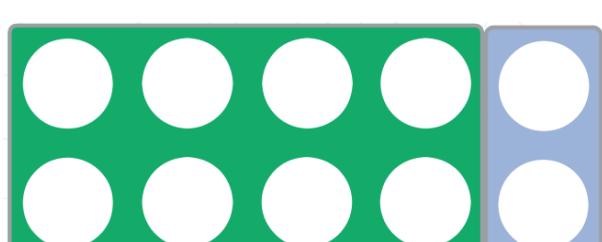
$$6 + 4 = 10$$

$$7 + 3 = 10$$

$$10 - 5 = 5$$

$$10 - 4 = 6$$

$$10 - 3 = 7$$



$$8 + 2 = 10$$

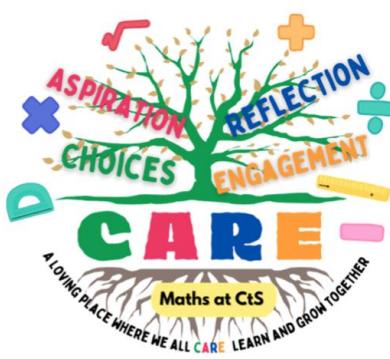
$$9 + 1 = 10$$

$$10 + 0 = 10$$

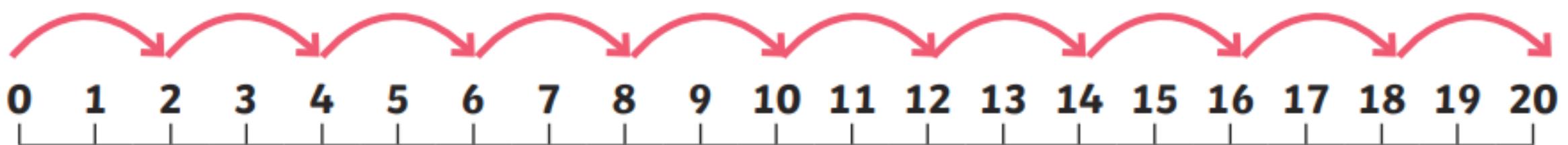
$$10 - 2 = 8$$

$$10 - 1 = 9$$

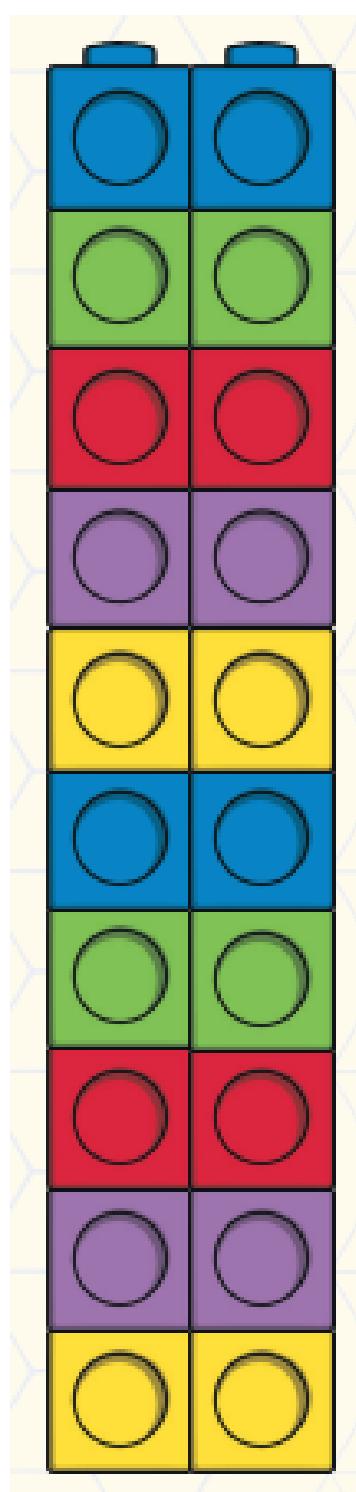
$$10 - 0 = 10$$

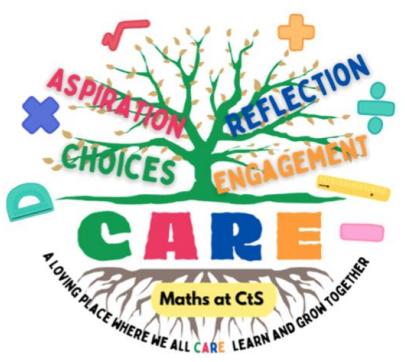


Year 1 Autumn Target 2: To count in 2s



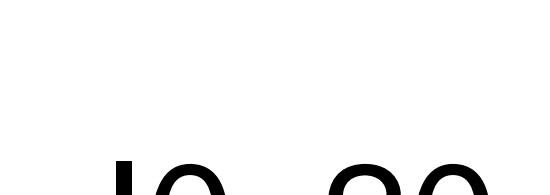
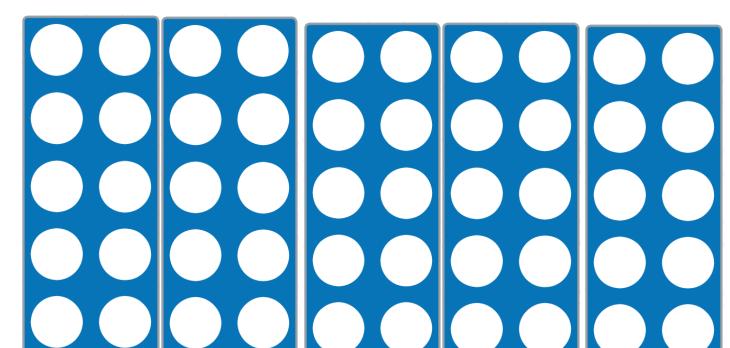
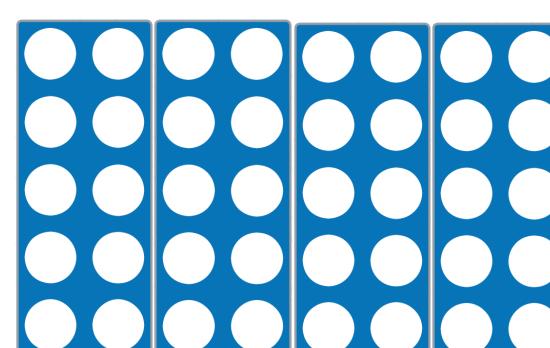
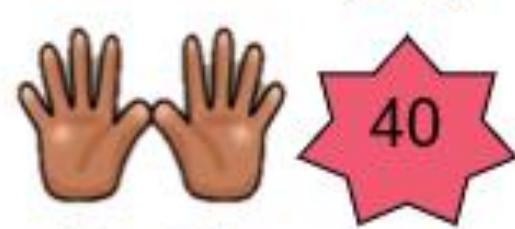
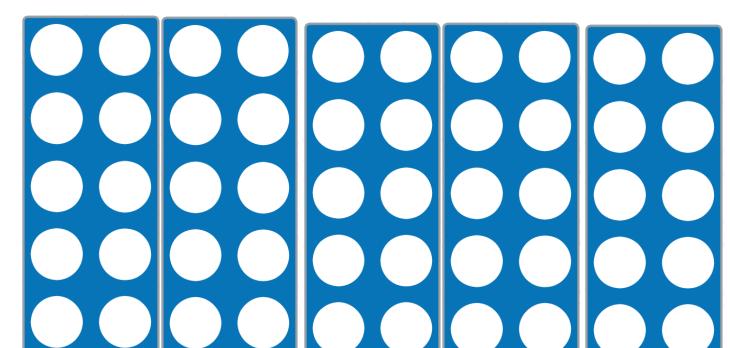
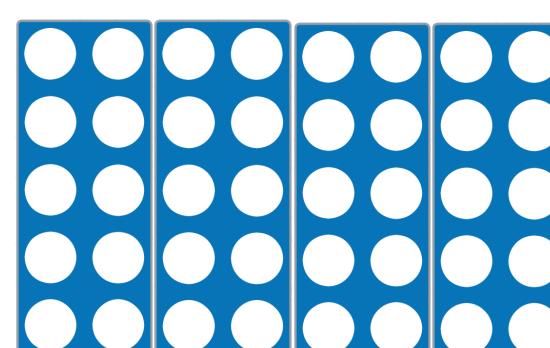
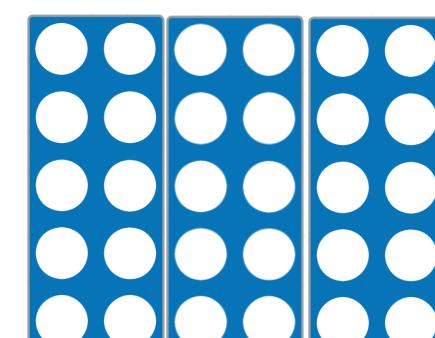
2, 4, 6, 8, 10, 12, 14, 16, 18, 20





Year 1 Autumn Target 3:

To count in 10s



10, 20, 30, 40, 50,

ten, twenty, thirty, forty, fifty,

60, 70, 80, 90, 100

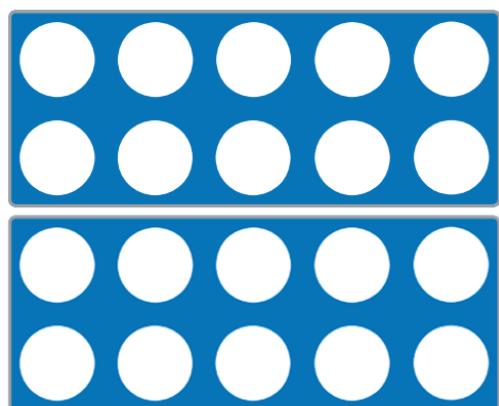
sixty, seventy, eighty, ninety, one
hundred

0 10 20 30 40 50 60 70 80 90 100

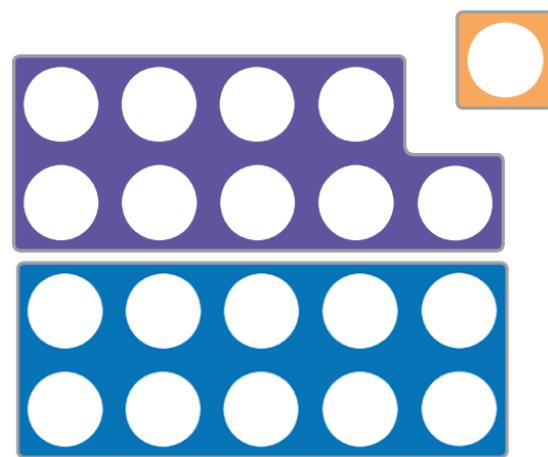


Year 2 Autumn Target 1:

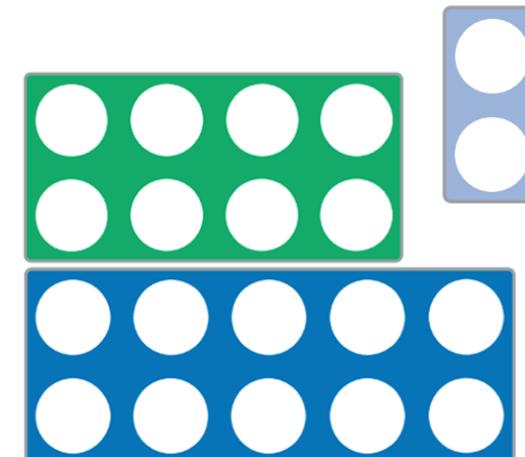
To know number bonds to 20



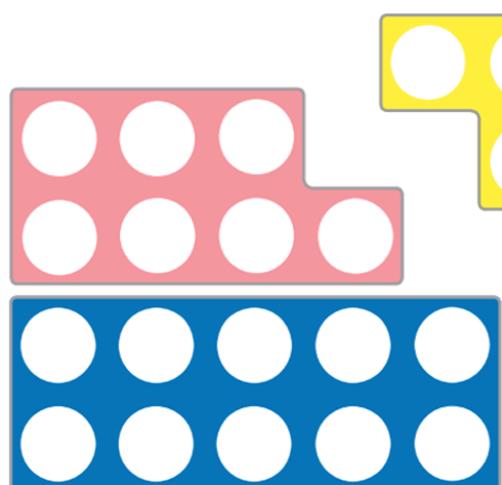
$$0 + 20 = 20$$
$$20 + 0 = 20$$



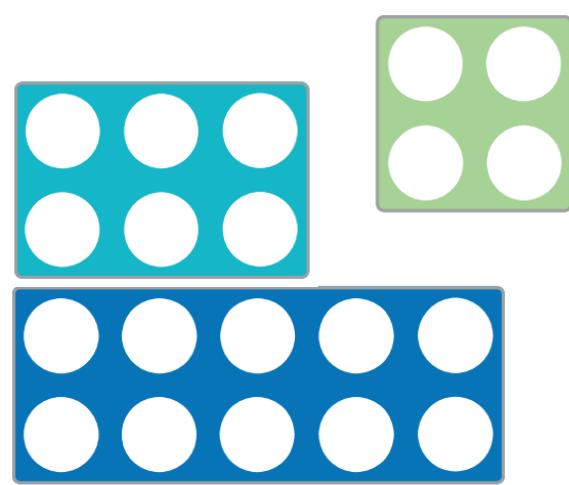
$$1 + 19 = 20$$
$$19 + 1 = 20$$



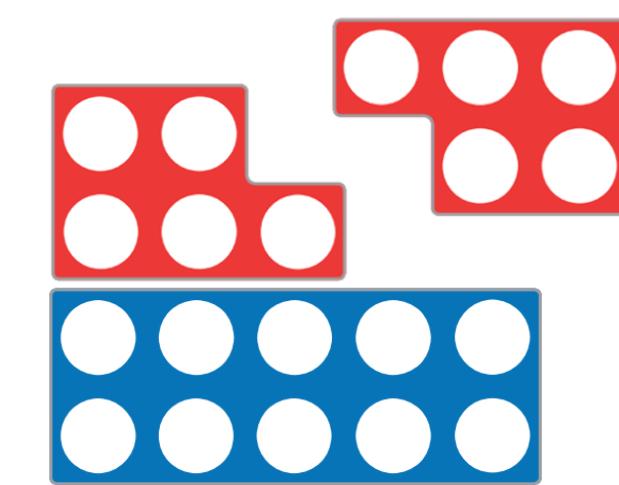
$$2 + 18 = 20$$
$$18 + 2 = 20$$



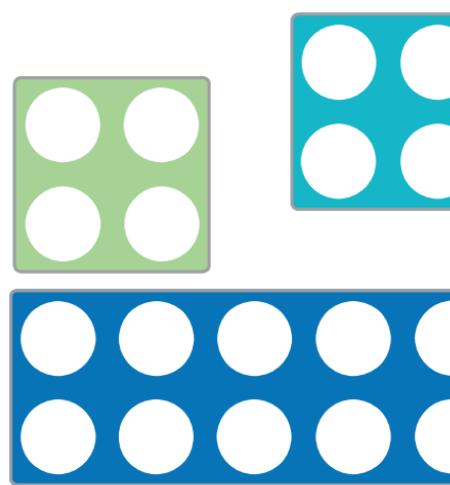
$$3 + 17 = 20$$
$$17 + 3 = 20$$



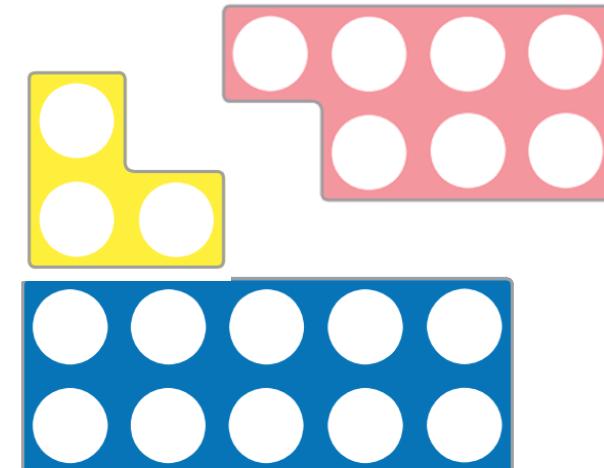
$$4 + 16 = 20$$
$$16 + 4 = 20$$



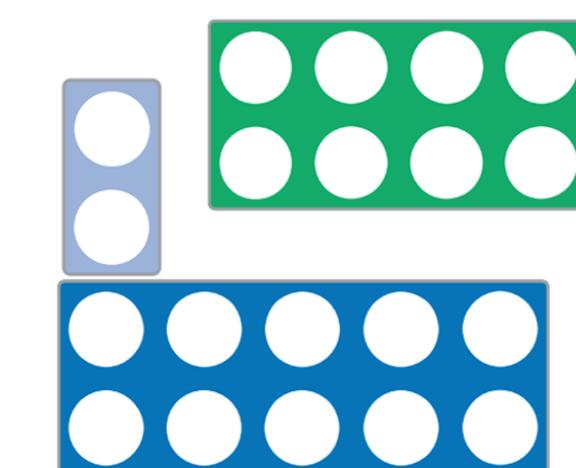
$$5 + 15 = 20$$
$$15 + 5 = 20$$



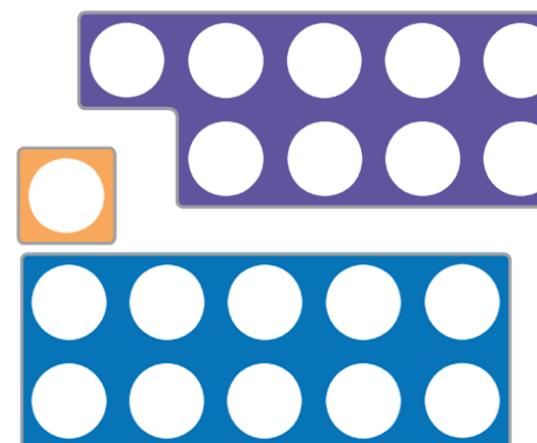
$$6 + 14 = 20$$
$$14 + 6 = 20$$



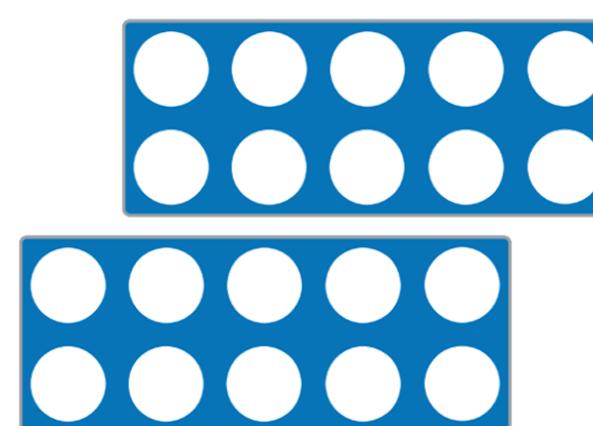
$$7 + 13 = 20$$
$$13 + 7 = 20$$



$$8 + 12 = 20$$
$$12 + 8 = 20$$



$$9 + 11 = 20$$
$$11 + 9 = 20$$

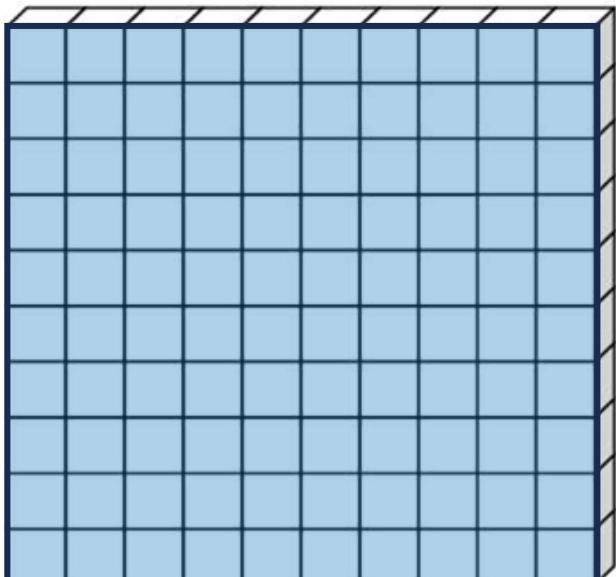


$$10 + 10 = 20$$

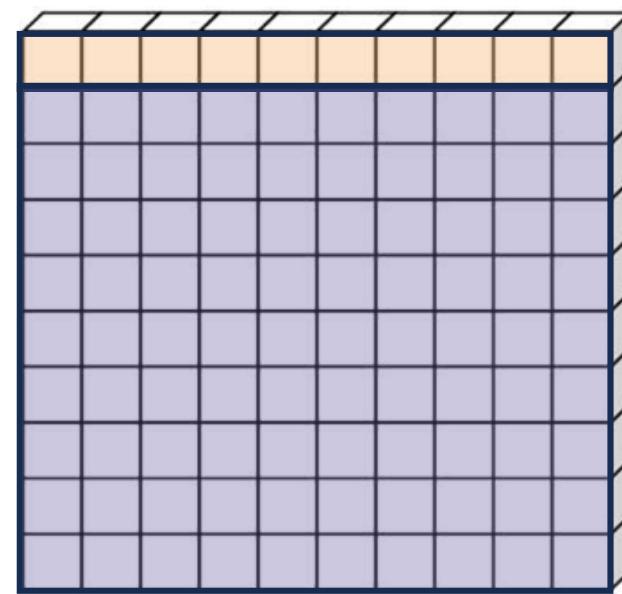


Year 2 Autumn Target 2:

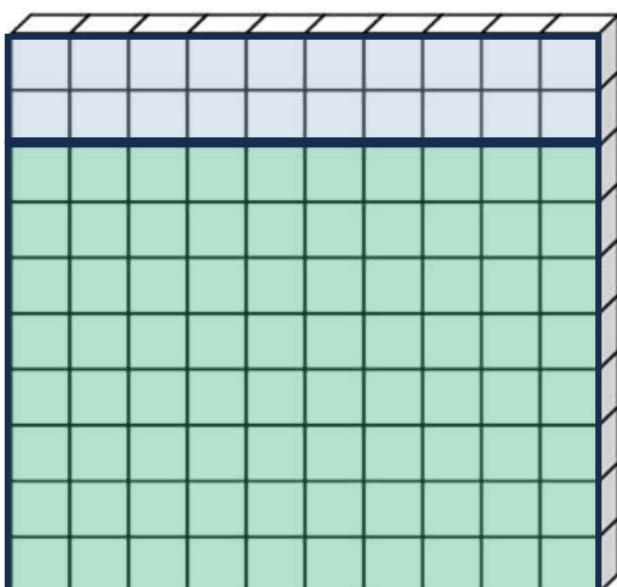
To know number bonds of 10 up to 100.



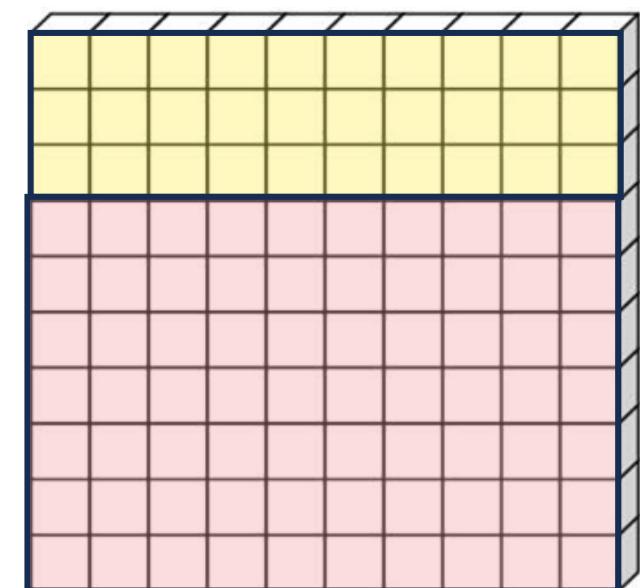
$$0 + 100 = 100$$
$$100 + 0 = 100$$



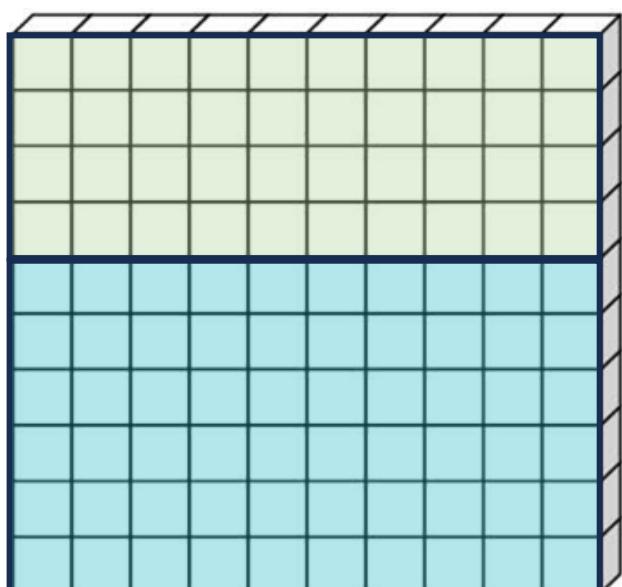
$$10 + 90 = 100$$
$$90 + 10 = 100$$



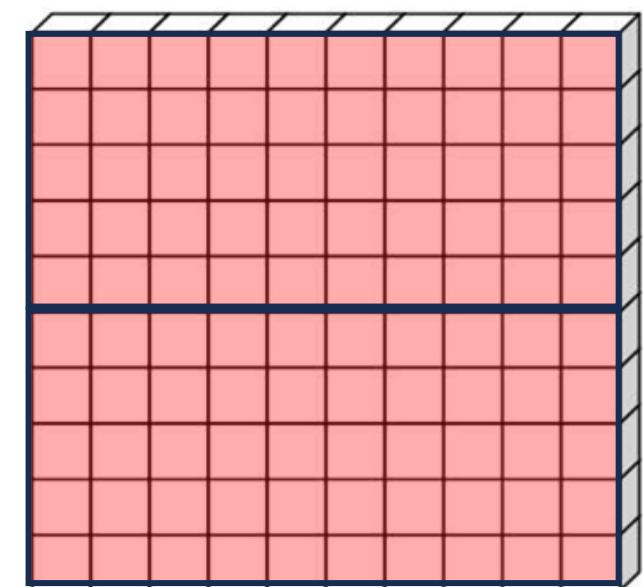
$$20 + 80 = 100$$
$$80 + 20 = 100$$



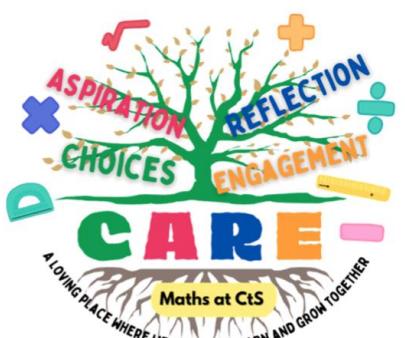
$$30 + 70 = 100$$
$$70 + 30 = 100$$



$$40 + 60 = 100$$
$$60 + 40 = 100$$



$$50 + 50 = 100$$



Year 2 Autumn Target 3:

To know by heart doubles of numbers



$$1 + 1 = \text{ } \square + \text{ } \square = 2$$

$$2 + 2 = \text{ } \square + \text{ } \square = 4$$

$$3 + 3 = \text{ } \square + \text{ } \square = 6$$

$$4 + 4 = \text{ } \square + \text{ } \square = 8$$

$$5 + 5 = \text{ } \square + \text{ } \square = 10$$

$$6 + 6 = \text{ } \square + \text{ } \square = 12$$

$$7 + 7 = \text{ } \square + \text{ } \square = 14$$

$$8 + 8 = \text{ } \square + \text{ } \square = 16$$

$$9 + 9 = \text{ } \square + \text{ } \square = 18$$

$$10 + 10 = \text{ } \square + \text{ } \square = 20$$

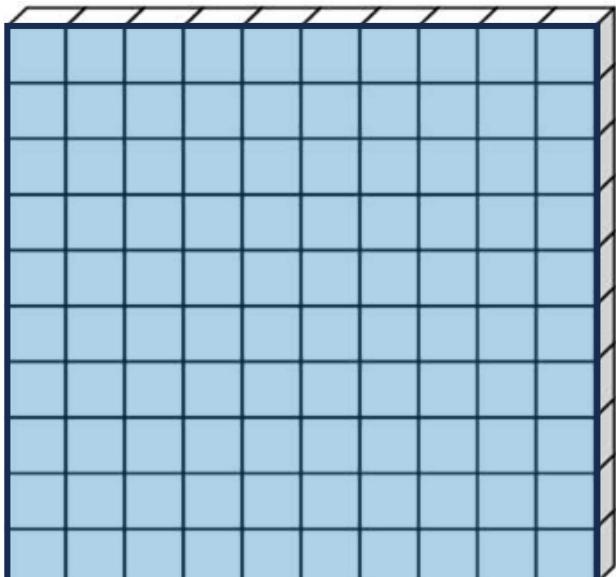
$$25 + 25 = 50$$

$$50 + 50 = 100$$

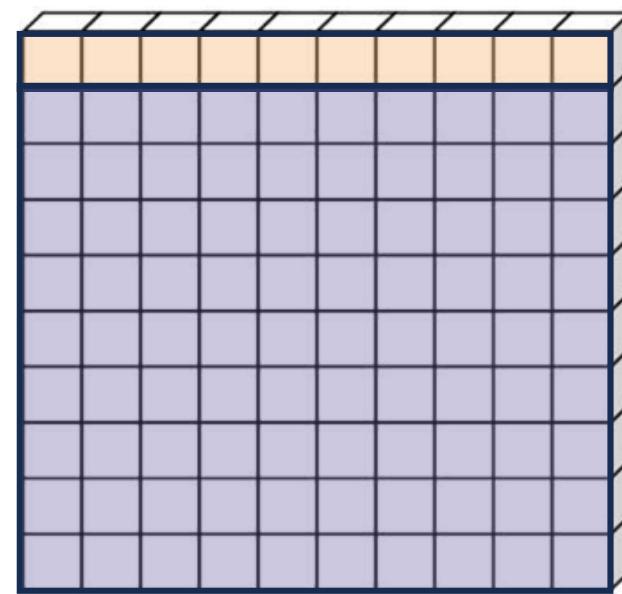


Year 3 Autumn Target 1:

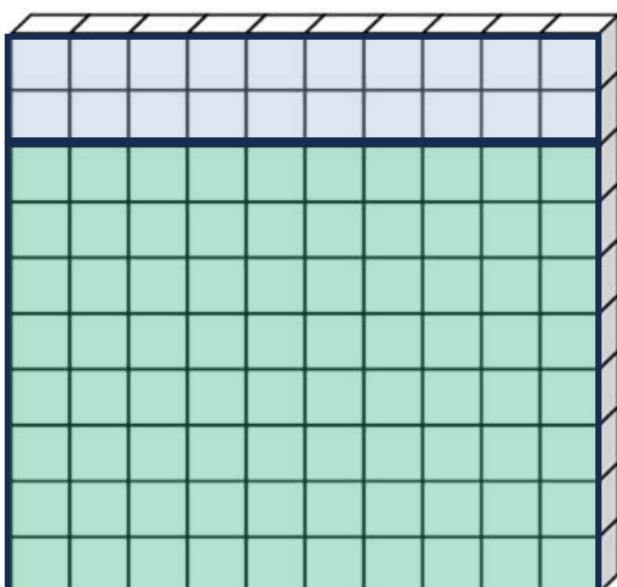
To know number bonds of 10 up to 100.



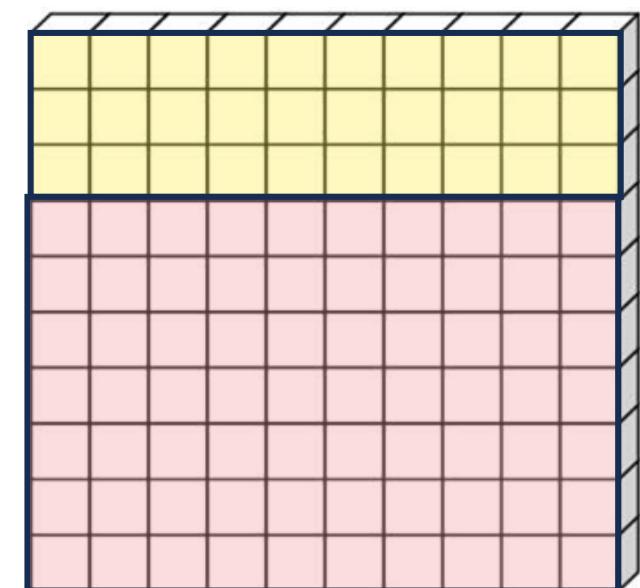
$$0 + 100 = 100$$
$$100 + 0 = 100$$



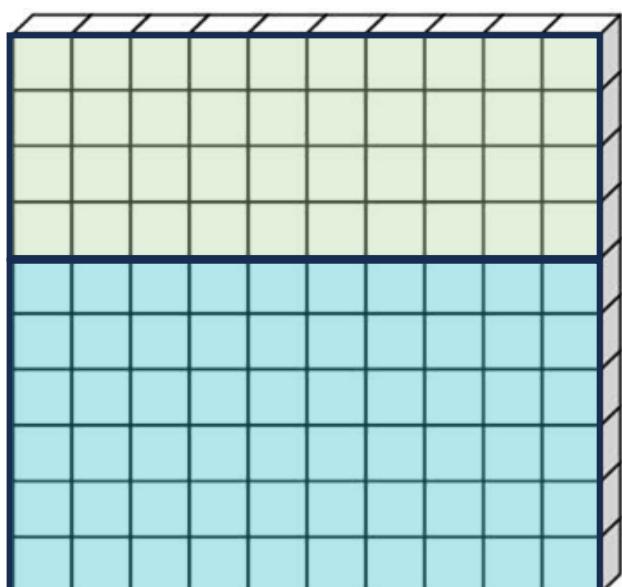
$$10 + 90 = 100$$
$$90 + 10 = 100$$



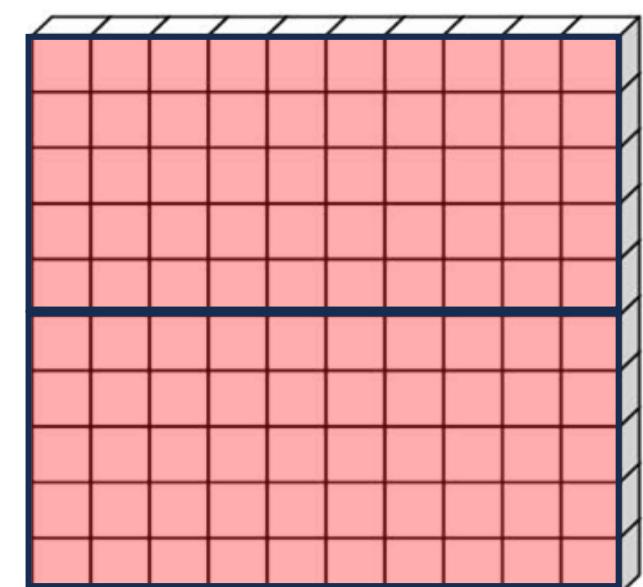
$$20 + 80 = 100$$
$$80 + 20 = 100$$



$$30 + 70 = 100$$
$$70 + 30 = 100$$



$$40 + 60 = 100$$
$$60 + 40 = 100$$



$$50 + 50 = 100$$



Year 3 Autumn Target 2:

To know by heart my 2, 5 and 10 times tables.



10 Times Table

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

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5 Times Table

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

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2 Times Table

$1 \times 2 = 2$	$1 \times 2 = 2$
$2 \times 2 = 4$	$2 \times 2 = 4$
$3 \times 2 = 6$	$3 \times 2 = 6$
$4 \times 2 = 8$	$4 \times 2 = 8$
$5 \times 2 = 10$	$5 \times 2 = 10$
$6 \times 2 = 12$	$6 \times 2 = 12$
$7 \times 2 = 14$	$7 \times 2 = 14$
$8 \times 2 = 16$	$8 \times 2 = 16$
$9 \times 2 = 18$	$9 \times 2 = 18$
$10 \times 2 = 20$	$10 \times 2 = 20$
$11 \times 2 = 22$	$11 \times 2 = 22$
$12 \times 2 = 24$	$12 \times 2 = 24$

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Year 3 Autumn Target 3:

To confidently and quickly recall my 4 and 8 times tables.



4 Times Table

$$1 \times 4 = 4$$

$$2 \times 4 = 8$$

$$3 \times 4 = 12$$

$$4 \times 4 = 16$$

$$5 \times 4 = 20$$

$$6 \times 4 = 24$$

$$7 \times 4 = 28$$

$$8 \times 4 = 32$$

$$9 \times 4 = 36$$

$$10 \times 4 = 40$$

$$11 \times 4 = 44$$

$$12 \times 4 = 48$$

$$4 \div 4 = 1$$

$$8 \div 4 = 2$$

$$12 \div 4 = 3$$

$$16 \div 4 = 4$$

$$20 \div 4 = 5$$

$$24 \div 4 = 6$$

$$28 \div 4 = 7$$

$$32 \div 4 = 8$$

$$36 \div 4 = 9$$

$$40 \div 4 = 10$$

$$44 \div 4 = 11$$

$$48 \div 4 = 12$$

8 Times Table

$$1 \times 8 = 8$$

$$2 \times 8 = 16$$

$$3 \times 8 = 24$$

$$4 \times 8 = 32$$

$$5 \times 8 = 40$$

$$6 \times 8 = 48$$

$$7 \times 8 = 56$$

$$8 \times 8 = 64$$

$$9 \times 8 = 72$$

$$10 \times 8 = 80$$

$$11 \times 8 = 88$$

$$12 \times 8 = 96$$

$$8 \div 8 = 1$$

$$16 \div 8 = 2$$

$$24 \div 8 = 3$$

$$32 \div 8 = 4$$

$$40 \div 8 = 5$$

$$48 \div 8 = 6$$

$$56 \div 8 = 7$$

$$64 \div 8 = 8$$

$$72 \div 8 = 9$$

$$80 \div 8 = 10$$

$$88 \div 8 = 11$$

$$96 \div 8 = 12$$



Year 4 Autumn Target 1:

To know by heart my 2, 5 and 10 times tables.



2 Times Table

$$\begin{aligned}1 \times 2 &= 2 \\2 \times 2 &= 4 \\3 \times 2 &= 6 \\4 \times 2 &= 8 \\5 \times 2 &= 10 \\6 \times 2 &= 12 \\7 \times 2 &= 14 \\8 \times 2 &= 16 \\9 \times 2 &= 18 \\10 \times 2 &= 20 \\11 \times 2 &= 22 \\12 \times 2 &= 24\end{aligned}$$

$$\begin{aligned}2 \div 2 &= 1 \\4 \div 2 &= 2 \\6 \div 2 &= 3 \\8 \div 2 &= 4 \\10 \div 2 &= 5 \\12 \div 2 &= 6 \\14 \div 2 &= 7 \\16 \div 2 &= 8 \\18 \div 2 &= 9 \\20 \div 2 &= 10 \\22 \div 2 &= 11 \\24 \div 2 &= 12\end{aligned}$$

5 Times Table

$$\begin{aligned}1 \times 5 &= 5 \\2 \times 5 &= 10 \\3 \times 5 &= 15 \\4 \times 5 &= 20 \\5 \times 5 &= 25 \\6 \times 5 &= 30 \\7 \times 5 &= 35 \\8 \times 5 &= 40 \\9 \times 5 &= 45 \\10 \times 5 &= 50 \\11 \times 5 &= 55 \\12 \times 5 &= 60\end{aligned}$$

$$\begin{aligned}5 \div 5 &= 1 \\10 \div 5 &= 2 \\15 \div 5 &= 3 \\20 \div 5 &= 4 \\25 \div 5 &= 5 \\30 \div 5 &= 6 \\35 \div 5 &= 7 \\40 \div 5 &= 8 \\45 \div 5 &= 9 \\50 \div 5 &= 10 \\55 \div 5 &= 11 \\60 \div 5 &= 12\end{aligned}$$

10 Times Table

$$\begin{aligned}1 \times 10 &= 10 \\2 \times 10 &= 20 \\3 \times 10 &= 30 \\4 \times 10 &= 40 \\5 \times 10 &= 50 \\6 \times 10 &= 60 \\7 \times 10 &= 70 \\8 \times 10 &= 80 \\9 \times 10 &= 90 \\10 \times 10 &= 100 \\11 \times 10 &= 110 \\12 \times 10 &= 120\end{aligned}$$

$$\begin{aligned}10 \div 10 &= 1 \\20 \div 10 &= 2 \\30 \div 10 &= 3 \\40 \div 10 &= 4 \\50 \div 10 &= 5 \\60 \div 10 &= 6 \\70 \div 10 &= 7 \\80 \div 10 &= 8 \\90 \div 10 &= 9 \\100 \div 10 &= 10 \\110 \div 10 &= 11 \\120 \div 10 &= 12\end{aligned}$$



Year 4 Autumn Target 2:

To confidently and quickly recall my 4 and 8 times tables.



4 Times Table

$$1 \times 4 = 4$$

$$2 \times 4 = 8$$

$$3 \times 4 = 12$$

$$4 \times 4 = 16$$

$$5 \times 4 = 20$$

$$6 \times 4 = 24$$

$$7 \times 4 = 28$$

$$8 \times 4 = 32$$

$$9 \times 4 = 36$$

$$10 \times 4 = 40$$

$$11 \times 4 = 44$$

$$12 \times 4 = 48$$

$$4 \div 4 = 1$$

$$8 \div 4 = 2$$

$$12 \div 4 = 3$$

$$16 \div 4 = 4$$

$$20 \div 4 = 5$$

$$24 \div 4 = 6$$

$$28 \div 4 = 7$$

$$32 \div 4 = 8$$

$$36 \div 4 = 9$$

$$40 \div 4 = 10$$

$$44 \div 4 = 11$$

$$48 \div 4 = 12$$

8 Times Table

$$1 \times 8 = 8$$

$$2 \times 8 = 16$$

$$3 \times 8 = 24$$

$$4 \times 8 = 32$$

$$5 \times 8 = 40$$

$$6 \times 8 = 48$$

$$7 \times 8 = 56$$

$$8 \times 8 = 64$$

$$9 \times 8 = 72$$

$$10 \times 8 = 80$$

$$11 \times 8 = 88$$

$$12 \times 8 = 96$$

$$8 \div 8 = 1$$

$$16 \div 8 = 2$$

$$24 \div 8 = 3$$

$$32 \div 8 = 4$$

$$40 \div 8 = 5$$

$$48 \div 8 = 6$$

$$56 \div 8 = 7$$

$$64 \div 8 = 8$$

$$72 \div 8 = 9$$

$$80 \div 8 = 10$$

$$88 \div 8 = 11$$

$$96 \div 8 = 12$$



Year 4 Autumn Target 3:

To confidently and quickly recall my 3, 6 and 12 times tables.



3 Times Table

$$1 \times 3 = 3$$

$$2 \times 3 = 6$$

$$3 \times 3 = 9$$

$$4 \times 3 = 12$$

$$5 \times 3 = 15$$

$$6 \times 3 = 18$$

$$7 \times 3 = 21$$

$$8 \times 3 = 24$$

$$9 \times 3 = 27$$

$$10 \times 3 = 30$$

$$11 \times 3 = 33$$

$$12 \times 3 = 36$$

$$3 \div 3 = 1$$

$$6 \div 3 = 2$$

$$9 \div 3 = 3$$

$$12 \div 3 = 4$$

$$15 \div 3 = 5$$

$$18 \div 3 = 6$$

$$21 \div 3 = 7$$

$$24 \div 3 = 8$$

$$27 \div 3 = 9$$

$$30 \div 3 = 10$$

$$33 \div 3 = 11$$

$$36 \div 3 = 12$$

6 Times Table

$$1 \times 6 = 6$$

$$2 \times 6 = 12$$

$$3 \times 6 = 18$$

$$4 \times 6 = 24$$

$$5 \times 6 = 30$$

$$6 \times 6 = 36$$

$$7 \times 6 = 42$$

$$8 \times 6 = 48$$

$$9 \times 6 = 54$$

$$10 \times 6 = 60$$

$$11 \times 6 = 66$$

$$12 \times 6 = 72$$

$$6 \div 6 = 1$$

$$12 \div 6 = 2$$

$$18 \div 6 = 3$$

$$24 \div 6 = 4$$

$$30 \div 6 = 5$$

$$36 \div 6 = 6$$

$$42 \div 6 = 7$$

$$48 \div 6 = 8$$

$$54 \div 6 = 9$$

$$60 \div 6 = 10$$

$$66 \div 6 = 11$$

$$72 \div 6 = 12$$

12 Times Table

$$1 \times 12 = 12$$

$$2 \times 12 = 24$$

$$3 \times 12 = 36$$

$$4 \times 12 = 48$$

$$5 \times 12 = 60$$

$$6 \times 12 = 72$$

$$7 \times 12 = 84$$

$$8 \times 12 = 96$$

$$9 \times 12 = 108$$

$$10 \times 12 = 120$$

$$11 \times 12 = 132$$

$$12 \times 12 = 144$$

$$12 \div 12 = 1$$

$$24 \div 12 = 2$$

$$36 \div 12 = 3$$

$$48 \div 12 = 4$$

$$60 \div 12 = 5$$

$$72 \div 12 = 6$$

$$84 \div 12 = 7$$

$$96 \div 12 = 8$$

$$108 \div 12 = 9$$

$$120 \div 12 = 10$$

$$132 \div 12 = 11$$

$$144 \div 12 = 12$$



Year 5 Autumn Target 1:

To confidently and quickly recall my 4 and 8 times tables.



4 Times Table

$$1 \times 4 = 4$$

$$2 \times 4 = 8$$

$$3 \times 4 = 12$$

$$4 \times 4 = 16$$

$$5 \times 4 = 20$$

$$6 \times 4 = 24$$

$$7 \times 4 = 28$$

$$8 \times 4 = 32$$

$$9 \times 4 = 36$$

$$10 \times 4 = 40$$

$$11 \times 4 = 44$$

$$12 \times 4 = 48$$

$$4 \div 4 = 1$$

$$8 \div 4 = 2$$

$$12 \div 4 = 3$$

$$16 \div 4 = 4$$

$$20 \div 4 = 5$$

$$24 \div 4 = 6$$

$$28 \div 4 = 7$$

$$32 \div 4 = 8$$

$$36 \div 4 = 9$$

$$40 \div 4 = 10$$

$$44 \div 4 = 11$$

$$48 \div 4 = 12$$

8 Times Table

$$1 \times 8 = 8$$

$$2 \times 8 = 16$$

$$3 \times 8 = 24$$

$$4 \times 8 = 32$$

$$5 \times 8 = 40$$

$$6 \times 8 = 48$$

$$7 \times 8 = 56$$

$$8 \times 8 = 64$$

$$9 \times 8 = 72$$

$$10 \times 8 = 80$$

$$11 \times 8 = 88$$

$$12 \times 8 = 96$$

$$8 \div 8 = 1$$

$$16 \div 8 = 2$$

$$24 \div 8 = 3$$

$$32 \div 8 = 4$$

$$40 \div 8 = 5$$

$$48 \div 8 = 6$$

$$56 \div 8 = 7$$

$$64 \div 8 = 8$$

$$72 \div 8 = 9$$

$$80 \div 8 = 10$$

$$88 \div 8 = 11$$

$$96 \div 8 = 12$$



Year 5 Autumn Target 2:

To confidently and quickly recall my 3, 6 and 12 times tables.



3 Times Table

$$1 \times 3 = 3$$

$$2 \times 3 = 6$$

$$3 \times 3 = 9$$

$$4 \times 3 = 12$$

$$5 \times 3 = 15$$

$$6 \times 3 = 18$$

$$7 \times 3 = 21$$

$$8 \times 3 = 24$$

$$9 \times 3 = 27$$

$$10 \times 3 = 30$$

$$11 \times 3 = 33$$

$$12 \times 3 = 36$$

$$3 \div 3 = 1$$

$$6 \div 3 = 2$$

$$9 \div 3 = 3$$

$$12 \div 3 = 4$$

$$15 \div 3 = 5$$

$$18 \div 3 = 6$$

$$21 \div 3 = 7$$

$$24 \div 3 = 8$$

$$27 \div 3 = 9$$

$$30 \div 3 = 10$$

$$33 \div 3 = 11$$

$$36 \div 3 = 12$$

6 Times Table

$$1 \times 6 = 6$$

$$2 \times 6 = 12$$

$$3 \times 6 = 18$$

$$4 \times 6 = 24$$

$$5 \times 6 = 30$$

$$6 \times 6 = 36$$

$$7 \times 6 = 42$$

$$8 \times 6 = 48$$

$$9 \times 6 = 54$$

$$10 \times 6 = 60$$

$$11 \times 6 = 66$$

$$12 \times 6 = 72$$

$$6 \div 6 = 1$$

$$12 \div 6 = 2$$

$$18 \div 6 = 3$$

$$24 \div 6 = 4$$

$$30 \div 6 = 5$$

$$36 \div 6 = 6$$

$$42 \div 6 = 7$$

$$48 \div 6 = 8$$

$$54 \div 6 = 9$$

$$60 \div 6 = 10$$

$$66 \div 6 = 11$$

$$72 \div 6 = 12$$

12 Times Table

$$1 \times 12 = 12$$

$$2 \times 12 = 24$$

$$3 \times 12 = 36$$

$$4 \times 12 = 48$$

$$5 \times 12 = 60$$

$$6 \times 12 = 72$$

$$7 \times 12 = 84$$

$$8 \times 12 = 96$$

$$9 \times 12 = 108$$

$$10 \times 12 = 120$$

$$11 \times 12 = 132$$

$$12 \times 12 = 144$$

$$12 \div 12 = 1$$

$$24 \div 12 = 2$$

$$36 \div 12 = 3$$

$$48 \div 12 = 4$$

$$60 \div 12 = 5$$

$$72 \div 12 = 6$$

$$84 \div 12 = 7$$

$$96 \div 12 = 8$$

$$108 \div 12 = 9$$

$$120 \div 12 = 10$$

$$132 \div 12 = 11$$

$$144 \div 12 = 12$$



Year 5 Autumn Target 3:

To confidently and quickly recall my 7 and 9 times tables.



7 Times Table

$$\begin{aligned}1 \times 7 &= 7 \\2 \times 7 &= 14 \\3 \times 7 &= 21 \\4 \times 7 &= 28 \\5 \times 7 &= 35 \\6 \times 7 &= 42 \\7 \times 7 &= 49 \\8 \times 7 &= 56 \\9 \times 7 &= 63 \\10 \times 7 &= 70 \\11 \times 7 &= 77 \\12 \times 7 &= 84\end{aligned}$$

$$\begin{aligned}7 \div 7 &= 1 \\14 \div 7 &= 2 \\21 \div 7 &= 3 \\28 \div 7 &= 4 \\35 \div 7 &= 5 \\42 \div 7 &= 6 \\49 \div 7 &= 7 \\56 \div 7 &= 8 \\63 \div 7 &= 9 \\70 \div 7 &= 10 \\77 \div 7 &= 11 \\84 \div 7 &= 12\end{aligned}$$

9 Times Table

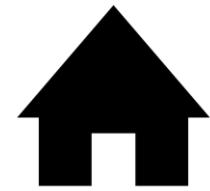
$$\begin{aligned}1 \times 9 &= 9 \\2 \times 9 &= 18 \\3 \times 9 &= 27 \\4 \times 9 &= 36 \\5 \times 9 &= 45 \\6 \times 9 &= 54 \\7 \times 9 &= 63 \\8 \times 9 &= 72 \\9 \times 9 &= 81 \\10 \times 9 &= 90 \\11 \times 9 &= 99 \\12 \times 9 &= 108\end{aligned}$$

$$\begin{aligned}9 \div 9 &= 1 \\18 \div 9 &= 2 \\27 \div 9 &= 3 \\36 \div 9 &= 4 \\45 \div 9 &= 5 \\54 \div 9 &= 6 \\63 \div 9 &= 7 \\72 \div 9 &= 8 \\81 \div 9 &= 9 \\90 \div 9 &= 10 \\99 \div 9 &= 11 \\108 \div 9 &= 12\end{aligned}$$



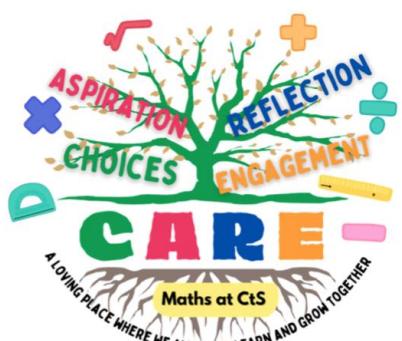
Year 6 Autumn Target 1:

To confidently and quickly recall my times tables.



2 Times Table	3 Times Table	4 Times Table	5 Times Table	6 Times Table	7 Times Table
$1 \times 2 = 2$	$1 \times 3 = 3$	$1 \times 4 = 4$	$1 \times 5 = 5$	$1 \times 6 = 6$	$1 \times 7 = 7$
$2 \times 2 = 4$	$2 \times 3 = 6$	$2 \times 4 = 8$	$2 \times 5 = 10$	$2 \times 6 = 12$	$2 \times 7 = 14$
$3 \times 2 = 6$	$3 \times 3 = 9$	$3 \times 4 = 12$	$3 \times 5 = 15$	$3 \times 6 = 18$	$3 \times 7 = 21$
$4 \times 2 = 8$	$4 \times 3 = 12$	$4 \times 4 = 16$	$4 \times 5 = 20$	$4 \times 6 = 24$	$4 \times 7 = 28$
$5 \times 2 = 10$	$5 \times 3 = 15$	$5 \times 4 = 20$	$5 \times 5 = 25$	$5 \times 6 = 30$	$5 \times 7 = 35$
$6 \times 2 = 12$	$6 \times 3 = 18$	$6 \times 4 = 24$	$6 \times 5 = 30$	$6 \times 6 = 36$	$6 \times 7 = 42$
$7 \times 2 = 14$	$7 \times 3 = 21$	$7 \times 4 = 28$	$7 \times 5 = 35$	$7 \times 6 = 42$	$7 \times 7 = 49$
$8 \times 2 = 16$	$8 \times 3 = 24$	$8 \times 4 = 32$	$8 \times 5 = 40$	$8 \times 6 = 48$	$8 \times 7 = 56$
$9 \times 2 = 18$	$9 \times 3 = 27$	$9 \times 4 = 36$	$9 \times 5 = 45$	$9 \times 6 = 54$	$9 \times 7 = 63$
$10 \times 2 = 20$	$10 \times 3 = 30$	$10 \times 4 = 40$	$10 \times 5 = 50$	$10 \times 6 = 60$	$10 \times 7 = 70$
$11 \times 2 = 22$	$11 \times 3 = 33$	$11 \times 4 = 44$	$11 \times 5 = 55$	$11 \times 6 = 66$	$11 \times 7 = 77$
$12 \times 2 = 24$	$12 \times 3 = 36$	$12 \times 4 = 48$	$12 \times 5 = 60$	$12 \times 6 = 72$	$12 \times 7 = 84$

8 Times Table	9 Times Table	10 Times Table	11 Times Table	12 Times Table
$1 \times 8 = 8$	$1 \times 9 = 9$	$1 \times 10 = 10$	$1 \times 11 = 11$	$1 \times 12 = 12$
$2 \times 8 = 16$	$2 \times 9 = 18$	$2 \times 10 = 20$	$2 \times 11 = 22$	$2 \times 12 = 24$
$3 \times 8 = 24$	$3 \times 9 = 27$	$3 \times 10 = 30$	$3 \times 11 = 33$	$3 \times 12 = 36$
$4 \times 8 = 32$	$4 \times 9 = 36$	$4 \times 10 = 40$	$4 \times 11 = 44$	$4 \times 12 = 48$
$5 \times 8 = 40$	$5 \times 9 = 45$	$5 \times 10 = 50$	$5 \times 11 = 55$	$5 \times 12 = 60$
$6 \times 8 = 48$	$6 \times 9 = 54$	$6 \times 10 = 60$	$6 \times 11 = 66$	$6 \times 12 = 72$
$7 \times 8 = 56$	$7 \times 9 = 63$	$7 \times 10 = 70$	$7 \times 11 = 77$	$7 \times 12 = 84$
$8 \times 8 = 64$	$8 \times 9 = 72$	$8 \times 10 = 80$	$8 \times 11 = 88$	$8 \times 12 = 96$
$9 \times 8 = 72$	$9 \times 9 = 81$	$9 \times 10 = 90$	$9 \times 11 = 99$	$9 \times 12 = 108$
$10 \times 8 = 80$	$10 \times 9 = 90$	$10 \times 10 = 100$	$10 \times 11 = 110$	$10 \times 12 = 120$
$11 \times 8 = 88$	$11 \times 9 = 99$	$11 \times 10 = 110$	$11 \times 11 = 121$	$11 \times 12 = 132$
$12 \times 8 = 96$	$12 \times 9 = 108$	$12 \times 10 = 120$	$12 \times 11 = 132$	$12 \times 12 = 144$



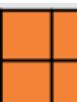
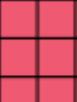
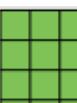
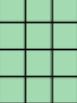
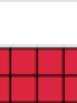
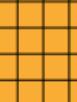
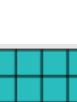
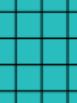
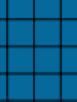
Year 6 Autumn Target 2:

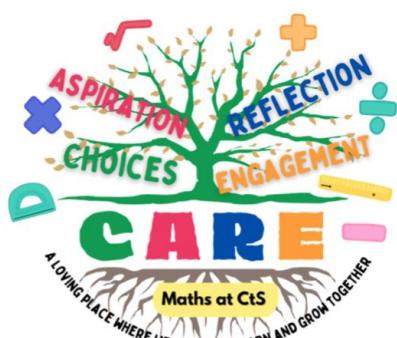


To know my square numbers up to 12×12

A **square number** is the product when a number is **multiplied by itself**: eg $10 \times 10 = 100$

It could be written like this 10×10 , or **10 squared** or 10^2

1 squared	1^2	1×1	 = 1
2 squared	2^2	2×2	 = 4
3 squared	3^2	3×3	 = 9
4 squared	4^2	4×4	 = 16
5 squared	5^2	5×5	 = 25
6 squared	6^2	6×6	 = 36
7 squared	7^2	7×7	 = 49
8 squared	8^2	8×8	 = 64
9 squared	9^2	9×9	 = 81
10 squared	10^2	10×10	 = 100
11 squared	11^2	11×11	 = 121
12 squared	12^2	12×12	 = 144



Year 6 Autumn Target 3:

To recall the prime numbers to 100.

A prime number only has 2 factors – 1 and itself

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

2 is the only even prime number!

Even numbers are in the **2, 4 and 8 times tables** so therefore can't be prime.

I is not a prime number because it only has one factor!

If the digits add to a multiple of 3, that means it is in **the 3 times tables**:
eg $93 \rightarrow 9 + 3 = 12$ so 93 is multiple of 3 and not a prime number!

No prime numbers will end in 5 or 0 (except 5) because they are always in **the 5 and 10 times tables**.

To see if it is a multiple of 7, we need to know our **7 times tables**!

If it is in **the 6 times tables**, it will also be a multiple of 2 or 4 so can check using those tricks.