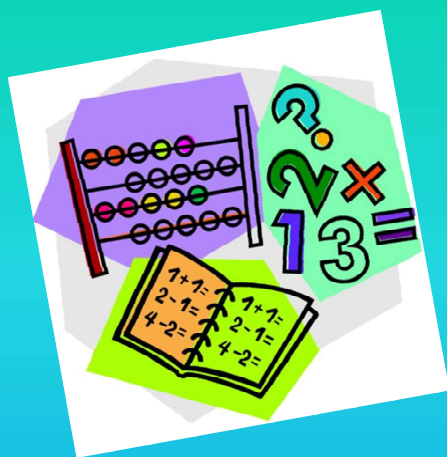




Croeso
Welcome



Bore Mathemateg
Blwyddyn 1 a 2

Thank you for giving up
your time!



Research shows that it's
your participation and
engagement that ensures
your child's success

Questionnaire





What is expected
of Year 1 and 2
Children?



Y Llwybr Llwyddiant



Mae dysgwyr da yn mentor ac yn llithro i lawr y llwybr
llwyddiant!

"Failure is an
opportunity to grow"

GROWTH MINDSET

"I can learn to do anything I want"

"Challenges help me to grow"

"My effort and attitude
determine my abilities"

"Feedback is constructive"

"I am inspired by the success of others"

"I like to try
new things"

"Failure is the
limit of my abilities"

FIXED MINDSET

"I'm either good at it or I'm not"

"My abilities are unchanging"

"I don't like
to be challenged"

"I can either do it,
or I can't"

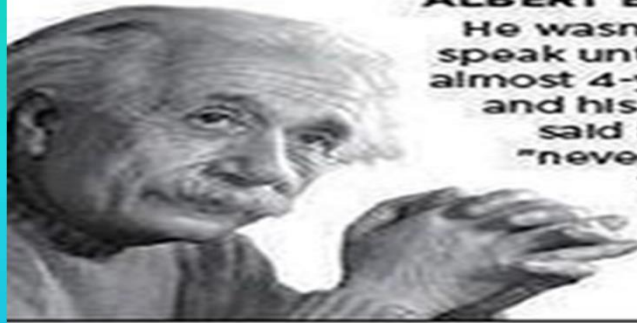
"My potential is predetermined"

"When I'm frustrated,
I give up"

"Feedback and criticism
are personal"

"I stick to what I know"

FAMOUS FAILURES



ALBERT EINSTEIN

He wasn't able to speak until he was almost 4-years-old and his teachers said he would "never amount to much"



MICHAEL JORDAN

After being cut from his high school basketball team, he went home, locked himself in his room, and cried.

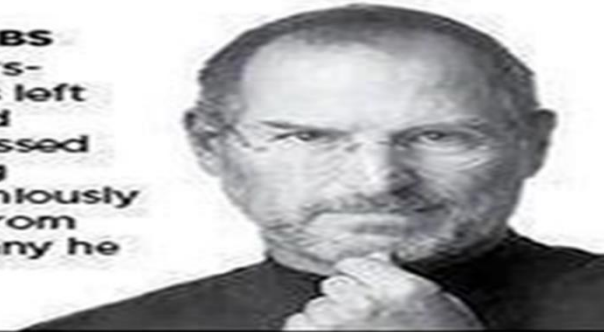


WALT DISNEY

Fired from a newspaper for "lacking imagination" and "having no original ideas."

STEVE JOBS

At 30-years-old he was left devastated and depressed after being unceremoniously removed from the company he started.



OPRAH WINFREY

Was demoted from her job as a news anchor because she "wasn't fit for television."

THE BEATLES

Rejected by Decca Recording Studios, who said "We don't like their sound—they have no future in show business."



**IF YOU'VE NEVER FAILED,
YOU'VE NEVER TRIED ANYTHING NEW**

Visit **WINKAL.COM** for more pics!

What Kind of Mindset Do You Have?

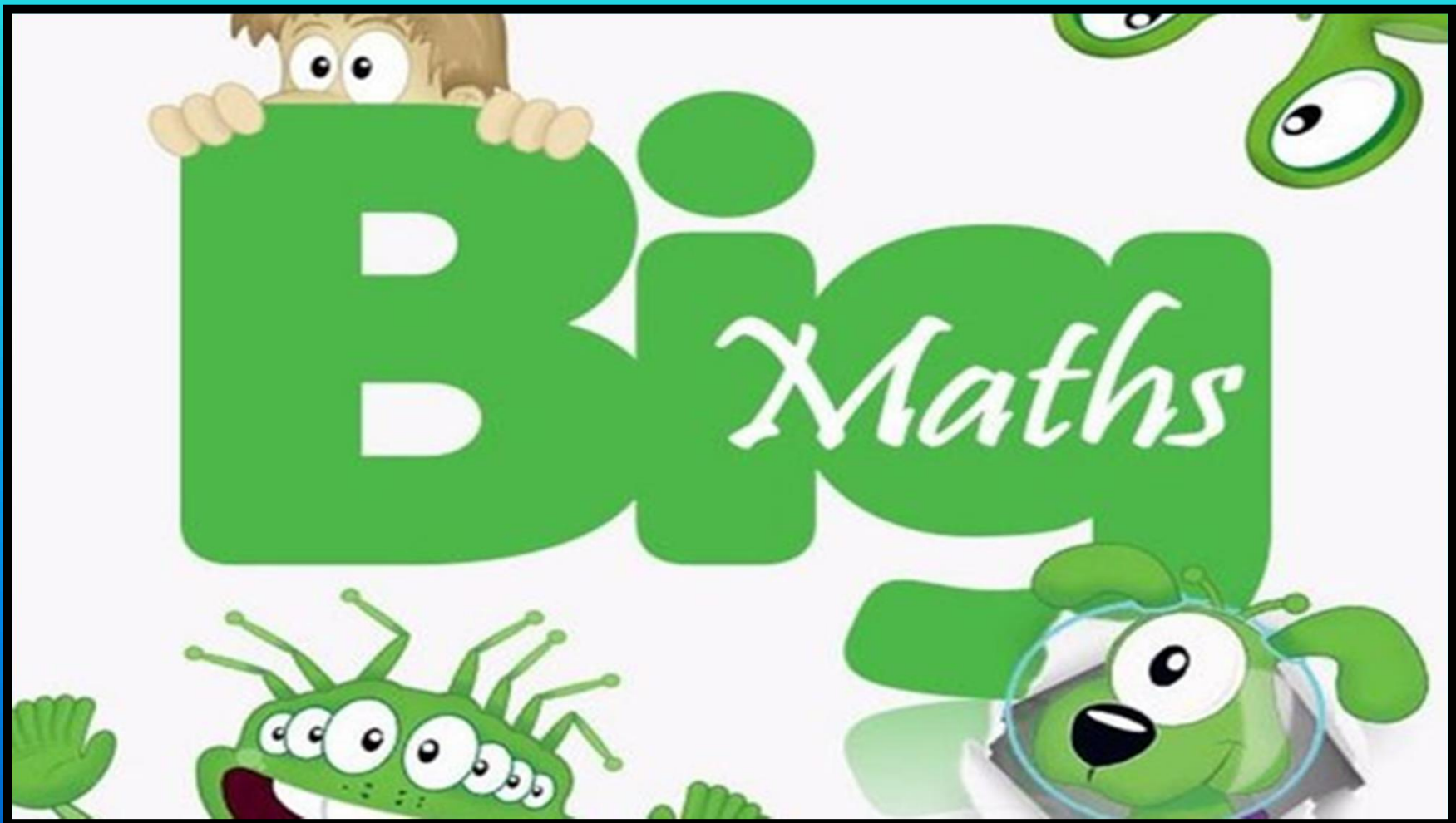


I can learn anything I want to.
When I'm frustrated, I persevere.
I want to challenge myself.
When I fail, I learn.
Tell me I try hard.
If you succeed, I'm inspired.
My effort and attitude determine everything.



I'm either good at it, or I'm not.
When I'm frustrated, I give up.
I don't like to be challenged.
When I fail, I'm no good.
Tell me I'm smart.
If you succeed, I feel threatened.
My abilities determine everything.

Big Maths



What is Big Maths?



- Learn it's - Beat That
- CLIC - weekly assessment
- Year 2 - SAFE weekly assessments



LEARN ITS Challenges!

Steps 1, 2 & 3

Name: _____

Class: _____

Date: _____

Step 1

$$1 + 1 =$$

$$2 + 2 =$$



Step 2

$$4 + 4 =$$

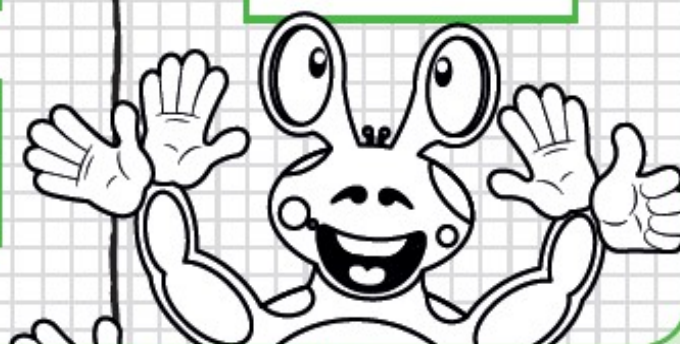
$$3 + 3 =$$

$$5 + 5 =$$

Step 3

$$2 + 3 =$$

$$2 + 1 =$$





LEARN ITS Challenges!

Steps 2, 3 & 4

Name: _____

Class: _____

Date: _____

Step 2

$$4 + 4 =$$

$$3 + 3 =$$

$$5 + 5 =$$

Step 3

$$2 + 3 =$$

$$2 + 1 =$$

Step 4

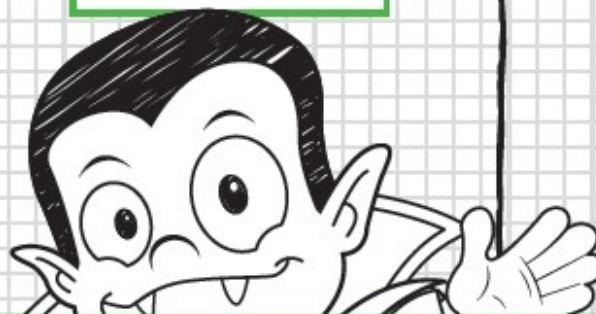
$$1 + \underline{\quad} = 10$$

$$6 + \underline{\quad} = 10$$

$$3 + \underline{\quad} = 10$$

$$8 + \underline{\quad} = 10$$

$$5 + \underline{\quad} = 10$$





LEARN ITS Challenges!

Steps 3, 4 & 5

Name: _____

Class: _____

Date: _____

Step 3

$$2 + 3 =$$

$$2 + 1 =$$



Step 4

$$4 + \underline{\quad} = 10$$

$$5 + \underline{\quad} = 10$$

$$7 + \underline{\quad} = 10$$

$$1 + \underline{\quad} = 10$$

$$2 + \underline{\quad} = 10$$

Step 5

$$4 + 2 =$$

$$9 + 2 =$$

$$2 + 5 =$$

$$3 + 4 =$$

$$6 + 2 =$$

$$7 + 2 =$$

$$5 + 3 =$$

$$3 + 6 =$$



LEARN ITS Challenges!

Steps 4, 5 & 6

Name:

Class:

Date:

Step 4

$$4 + \underline{\quad} = 10$$

$$8 + \underline{\quad} = 10$$

$$3 + \underline{\quad} = 10$$

$$1 + \underline{\quad} = 10$$

$$5 + \underline{\quad} = 10$$

Step 5

$$3 + 6 =$$

$$7 + 2 =$$

$$5 + 2 =$$

$$4 + 3 =$$

$$6 + 2 =$$

$$3 + 5 =$$

$$9 + 2 =$$

$$4 + 2 =$$

Step 6

$$9 + 9 =$$

$$7 + 7 =$$

$$8 + 8 =$$

$$6 + 6 =$$





LEARN ITS Challenges!

Steps 5, 6 & 7

Name: _____

Class: _____

Date: _____

Step 5

$6 + 3 =$

$7 + 2 =$

$5 + 2 =$

$3 + 4 =$

$2 + 6 =$

$5 + 3 =$

$9 + 2 =$

$4 + 2 =$



Step 6

$9 + 9 =$

$7 + 7 =$

$8 + 8 =$

$6 + 6 =$

Step 7

$10 \times 10 =$

$10 \times 4 =$

$8 + 3 =$

$5 \times 10 =$

$4 + 7 =$

$10 \times 6 =$

$7 \times 10 =$

$4 + 8 =$

$9 + 4 =$

$2 \times 10 =$

$1 \times 10 =$

$10 \times 9 =$

$8 \times 10 =$

$3 + 9 =$

$3 \times 10 =$



LEARN ITS Challenges!

Steps 6, 7 & 8

Name: _____

Class: _____

Date: _____

Step 6

$9 + 9 =$

$7 + 7 =$

$8 + 8 =$

$6 + 6 =$

Step 7

$10 \times 10 =$

$3 + 8 =$

$7 + 4 =$

$7 \times 10 =$

$4 + 9 =$

$10 \times 1 =$

$8 \times 10 =$

$10 \times 3 =$

$10 \times 4 =$

$5 \times 10 =$

$6 \times 10 =$

$8 + 4 =$

$2 \times 10 =$

$10 \times 9 =$

$3 + 9 =$

Step 8

$9 \times 5 =$

$5 + 6 =$

$5 + 4 =$

$6 \times 5 =$

$9 + 8 =$

$1 \times 5 =$

$2 \times 5 =$

$10 \times 5 =$

$5 \times 3 =$

$8 \times 5 =$

$5 \times 5 =$

$8 + 7 =$

$5 \times 7 =$

$5 \times 4 =$

$7 + 6 =$

Name:

Steps 1 - 13 - 100 seconds

BIG MATHS...
BEAT THAT!

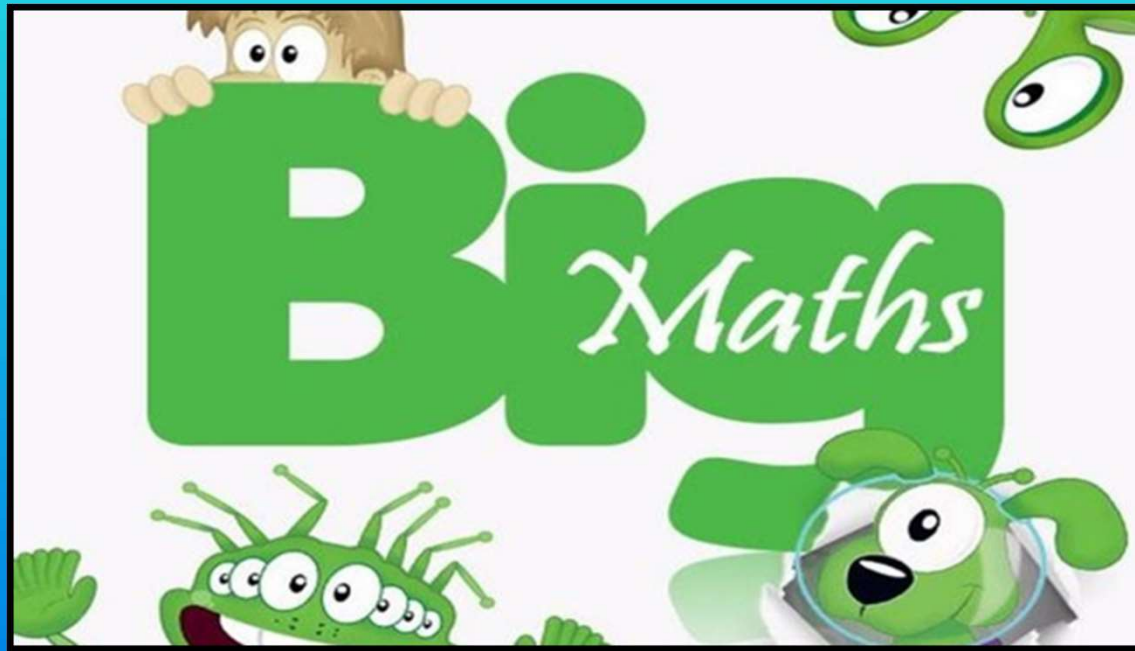


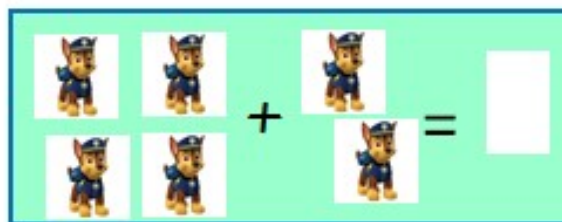
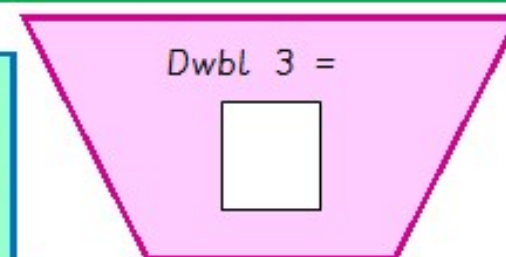
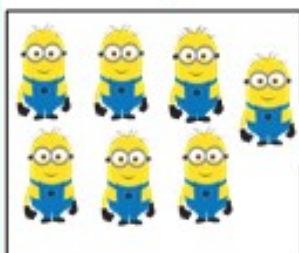
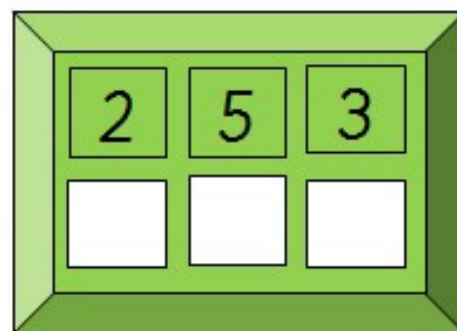
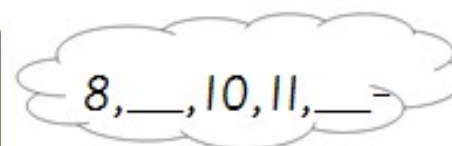
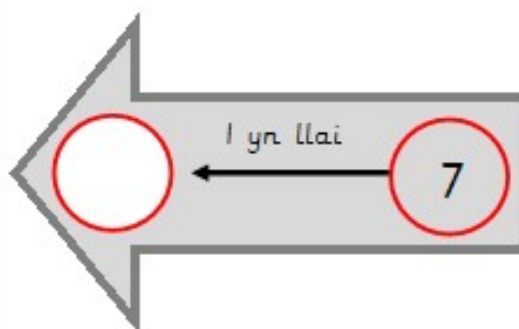
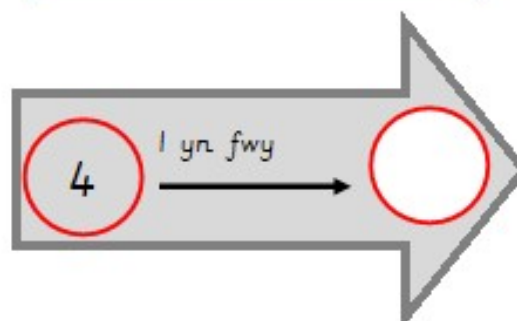
My 'Beat That'
score was...



$3+2=$	$6 \times 2=$	$7+5=$	$8 \times 2=$	$8+3=$	$5+4=$	$9+4=$	$4 \times 2=$
$7+4=$	$6+6=$	$9 \times 7=$	$9+2=$	$7 \times 2=$	$5+5=$	$6 \times 3=$	$6+4=$
$7 \times 6=$	$4 \times 3=$	$4+4=$	$8 \times 5=$	$8+2=$	$8+4=$	$9+6=$	$4 \times 4=$
$9 \times 9=$	$4+3=$	$9+3=$	$3 \times 3=$	$5 \times 2=$	$6+2=$	$5 \times 5=$	$8 \times 6=$
$5+2=$	$5+3=$	$2+2=$	$8+5=$	$9 \times 5=$	$9+5=$	$8+7=$	$6 \times 5=$
$6+5=$	$7 \times 7=$	$9 \times 6=$	$6 \times 6=$	$4+2=$	$7 \times 5=$	$9+7=$	$9 \times 3=$
$7 \times 3=$	$7+6=$	$7+2=$	$3 \times 2=$	$9+8=$	$6+3=$	$9 \times 4=$	$5 \times 3=$
$8 \times 4=$	$8 \times 3=$	$9 \times 8=$	$8 \times 7=$	$8 \times 8=$	$7+7=$	$9 \times 2=$	$6 \times 4=$
$3+3=$	$7+3=$	$8+6=$	$8+8=$	$2 \times 2=$	$9+9=$	$5 \times 4=$	$7 \times 4=$

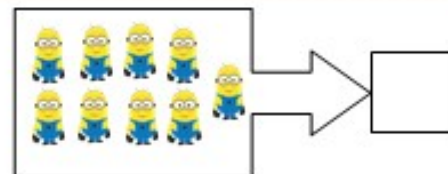
Weekly CLIC assessments



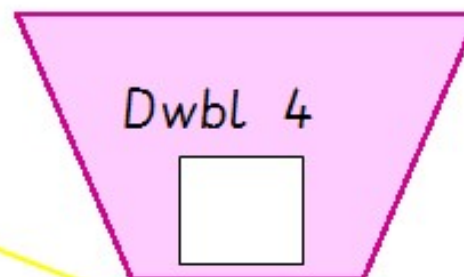




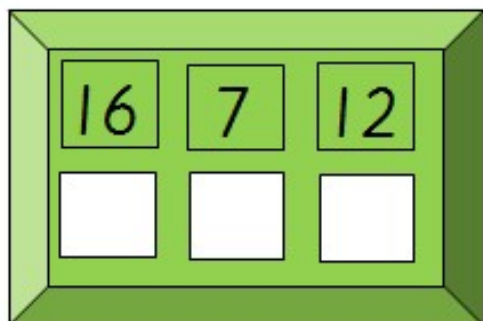
$$7 + 2 = \square$$



10, 20, —, 40, 50.



$$4 - 3 = \square$$



$$\text{Hanner } 6 = \square$$

10, 9, 8, —, 6, 5, 4.



Hanner 16 =

Dwbl 7

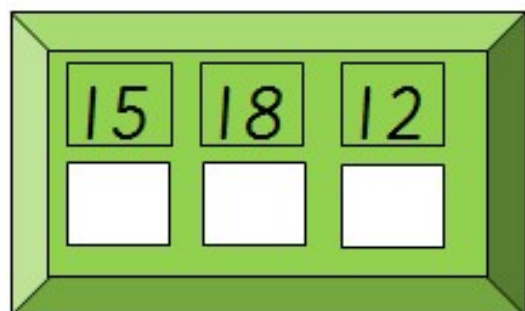
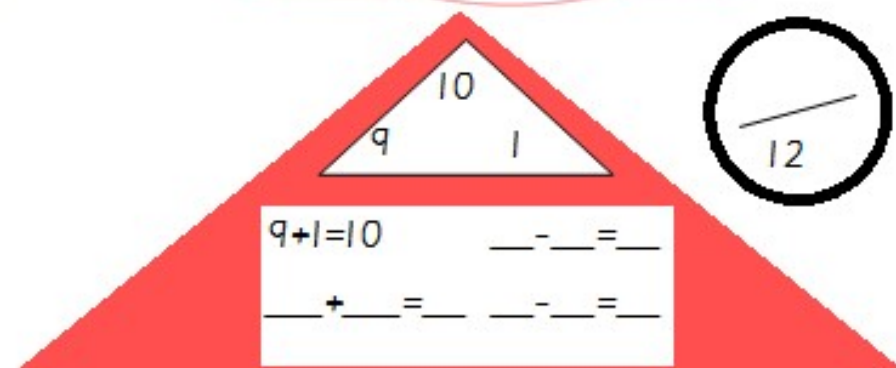
=

20, 25, __, 35, 40.

12 + 3 =

10 - 4 =

22, 21, __, __, 18.



4.1



Name: _____

Class: _____

Date: _____



CLIC 6

SET: 2

1

37

2

Place in order

15 12 18 10

3

6, 8, ,
12, 14

4

90, 100, , 120, 130

5

Circle the even numbers

11 16 20 23

6

23, 24, 25...

, , ,

7

$6 + 3 =$

0 1 2 3 4 5 6 7 8 9 10

8

$7 - 2 =$

0 1 2 3 4 5 6 7 8 9 10

9

Count backwards

37, 36, 35,

, ,

10

Count backwards

54, 53, 52,

, ,



MY LAST SCORE?

HAVE I BEAT THAT?

10



Name:

Class:

Date:



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CLIC 7

SET: 5

1

400, 500, ,
700, , 900

2

Write the fact family for:

$$7-3=4$$

3

Double
31 is

4

Double
90 is

5

Half of
160 is

6

$$15 - 1 =$$

7

$$15 + 3 =$$

8

$$15 + 8 =$$

9

$$15 - 3 =$$

10

$$15 - 8 =$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____



CLIC 8

SET: 1

1

50, 100, 150,

,

2

Write the fact family for:

$$8 + 6 = 14$$

.....

.....

3

Double
34 is

4

Double
70 is

5

$$60 + 10 =$$

6

$$73 + 10 =$$

7

$$30 + 4 =$$

8

$$80 - 10 =$$

9

$$76 - 10 =$$

10

$$40 - 20 =$$



MY LAST SCORE?

HAVE I BEAT THAT?

10



Name: _____

Class: _____

Date: _____



CLIC 9

SET: 1

1 Place in order
39 93 54 69

2 $30 + 40 =$

3 Double 49 is

4 Half of 300 is

5 Write the fact family for:

$30 + 40 = 70$

.....
.....



6 $32 + 4 =$

7 $30 + 60 =$

8 $80 - 6 =$

9 $48 - 5 =$

10 $43 - 7 =$

MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____



1 Place in order
39 93 54 69

2 $30 + 40 =$

3 Double 49 is

4 $43 \times 10 =$

5 $43 + \square = 50$

6 $343 - 7 =$

7 $67 + 8 =$

8 $70 + 80 =$

9 $86 - 80 =$

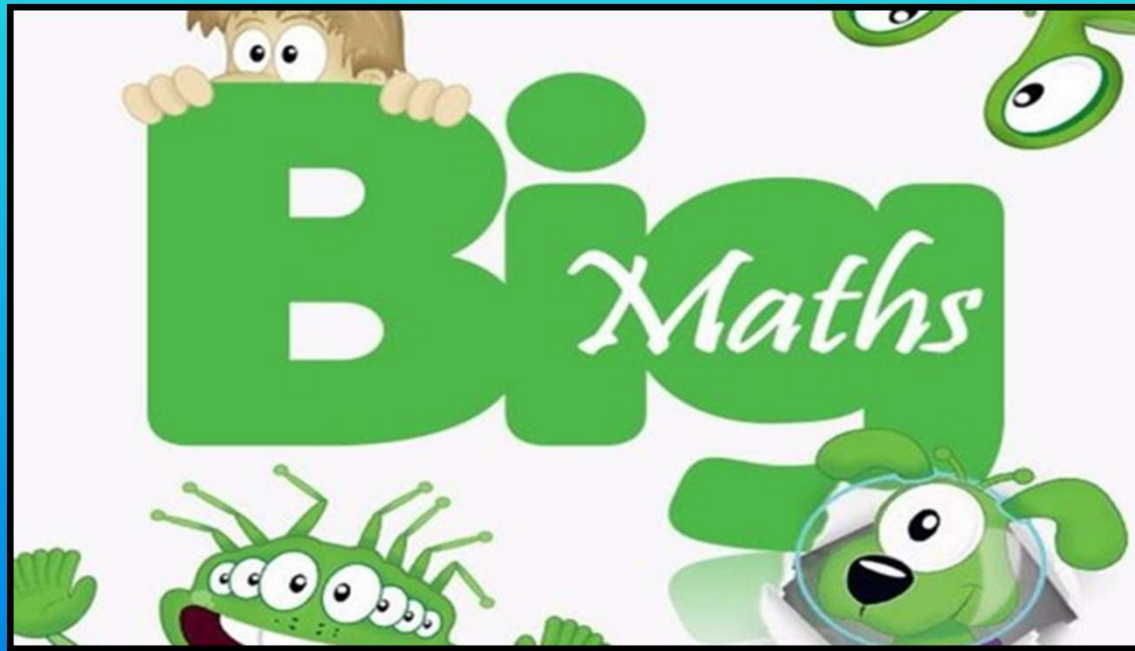
10 $3 \times 9 =$

MY LAST SCORE?

HAVE I BEAT THAT?

10

Weekly SAFE assessments



Name:

Date:

SAFE 6

SET: 1

/10

1 Tick the circle



2 Tick the cube



3 Use the least coins to make 17p



4



Half past 9



Six o'clock



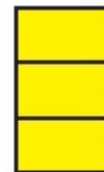
Half past 3



5 Tick if one quarter is shaded



6 Tick if one third is shaded



7



Cars



Vans



Bikes



How many cars?

8



Cat



Dog



Rabbit

How many dogs are there?

9 Which is odd?

13

42

10

86

10

$$3 + \text{😊} = 10$$

$$\text{😊} =$$



MY LAST SCORE?!

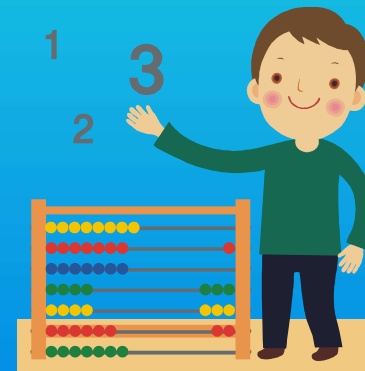
HAVE I BEAT THAT?!



What is CLIC?

The four elements of CLIC are:

1. Counting
2. Learn Its
3. It's Nothing New
4. Calculation





Counting and Numbers



Year 1	Year 2
Recite numbers up to 100 forwards and backwards and from different starting points	Recite numbers beyond 100 forwards and backwards and from different starting points
Read and write numbers to at least 20 forming and orientating them correctly	Read and write numbers to at least 100 forming and orientating them correctly



Counting and Numbers



Year 2 - Challenge

Recite numbers in less
predictable sequences to 1000
including different starting
points.

Counting in 2's 3's 4's - different
starting points

Read and write numbers to a
1000

Explain the value of each digit up
to a 1000



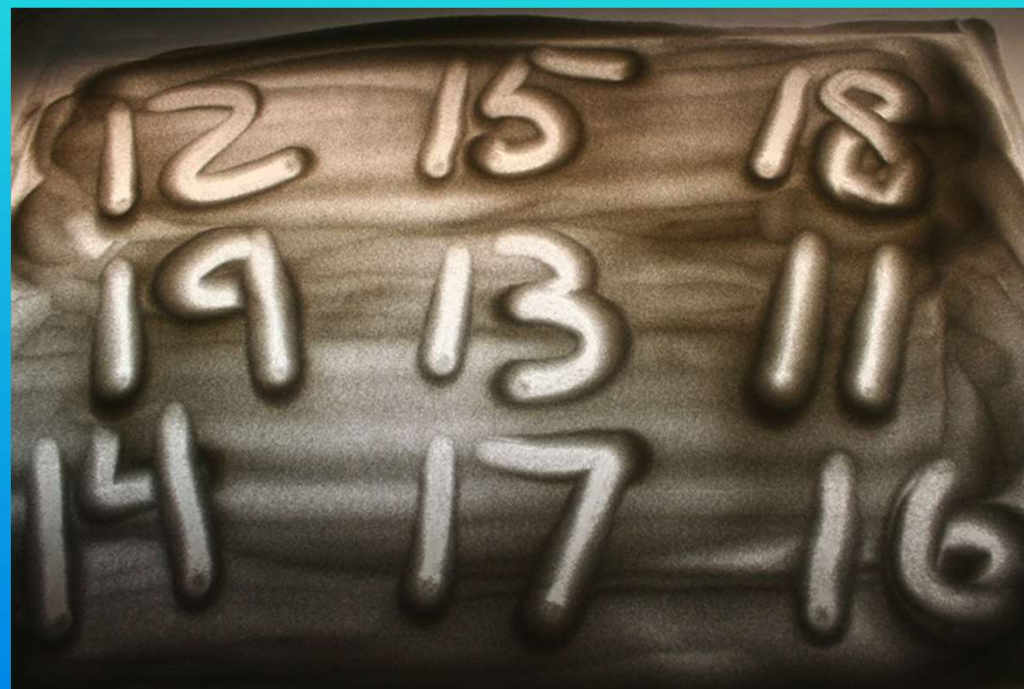
Counting and Numbers



My 100 Square

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

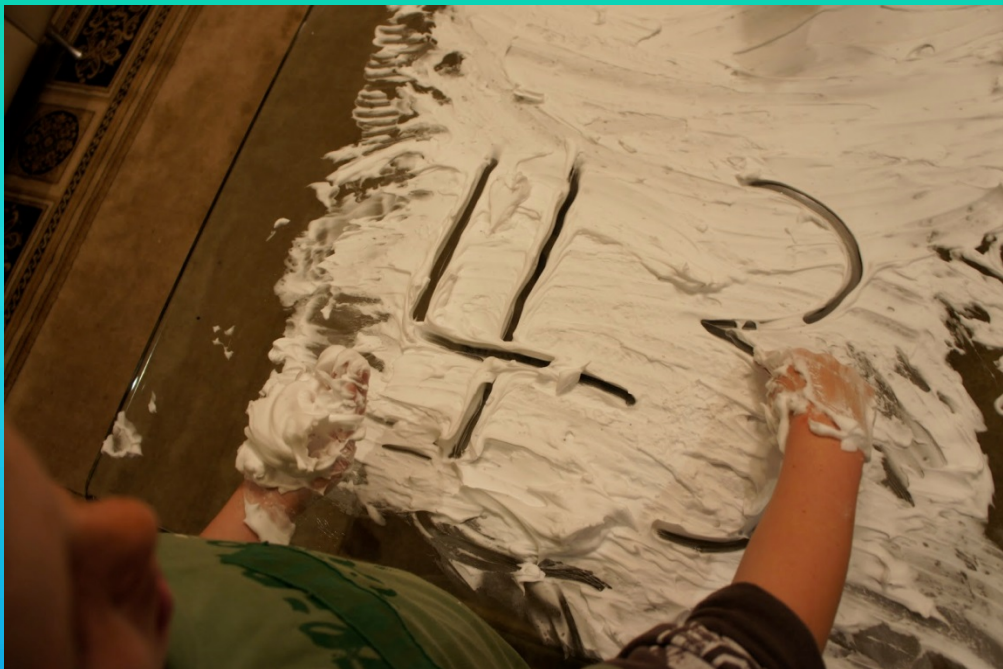
www.communication4all.co.uk





Counting and Numbers







Kids Doodle





Counting and Numbers



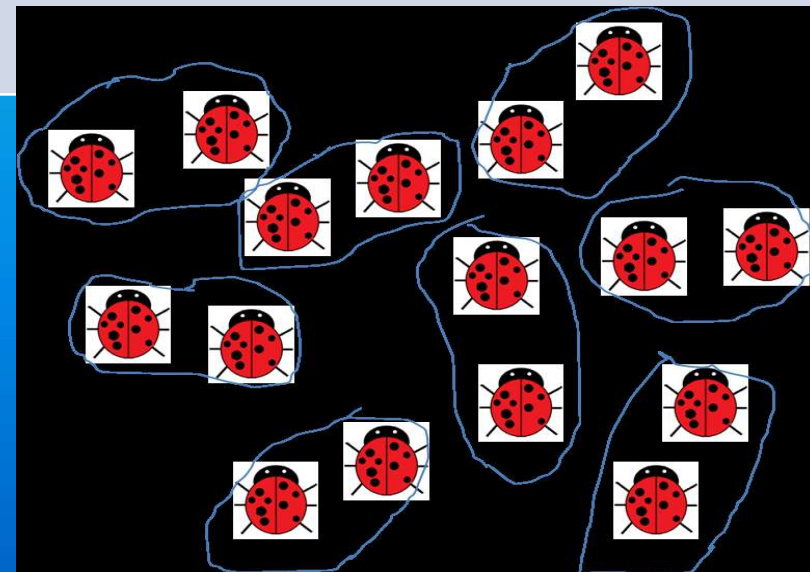
Year 1

Count reliably up to 20 objects



Year 2

Count sets of objects by grouping in 2s, 5s and 10s





Counting and Numbers



Year 1	Year 2
Compare and order numbers to at least 20	Compare and order 2 digit numbers to at least a 100





Counting and Numbers



Year 2 - Challenge

Order numbers in the 100's

e.g 302 320 203 230

14

29

33

39

43

Smallest

Largest

27

21

17

7

5

Largest

Smallest

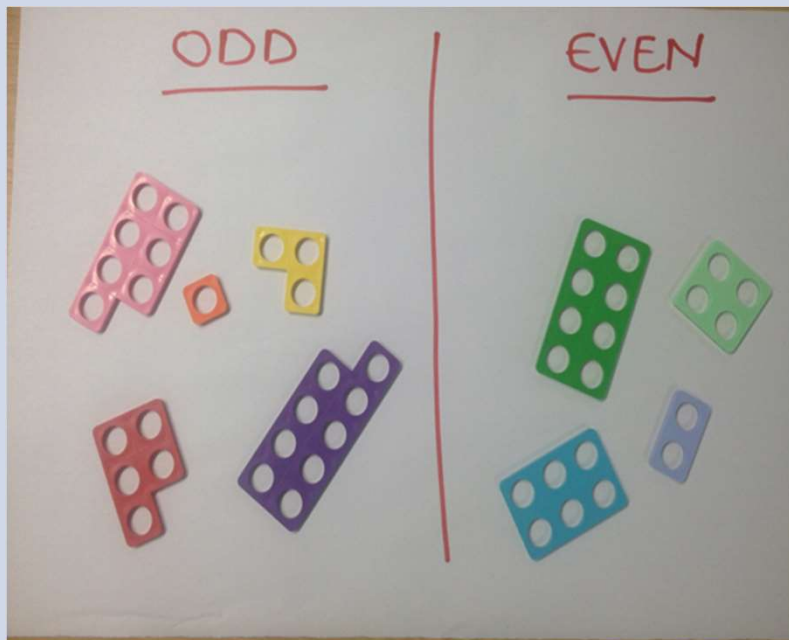


Odd and Even Numbers



Year 1

Recognise odd and even numbers up to 20



Year 2

Recognise odd and even numbers up to 100



Odd and Even Numbers



Year 2 - Challenge

Identify odd and even numbers to a **1000**



Place Value

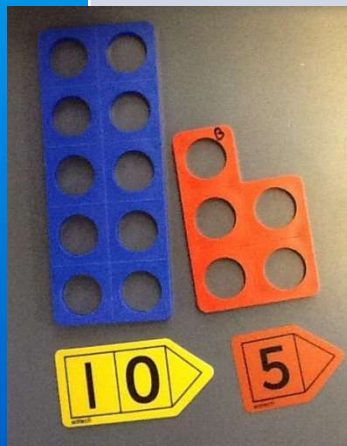
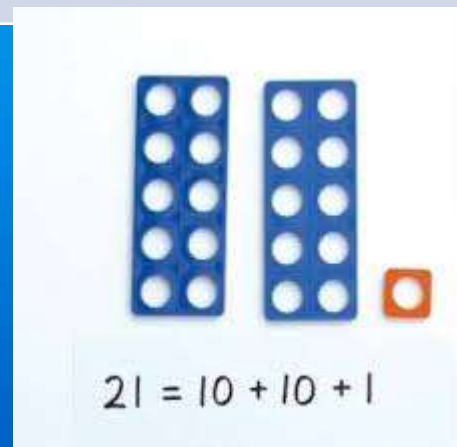


Year 1

Demonstrate an understanding of place value e.g one 10 and four units equal 14, up to at least 20

Year 2

Demonstrate an understanding of place value to at least up to 100.





Place Value



Year 2 - Challenge

Demonstrate and understanding of place value to a **1000**

Let's
partition 73
into seventy
and three.





Counting and Numbers



Numicon





Counting and Numbers



Year 1

Use 'counting on' strategies to add two collections, starting with the larger number e.g. $8 + 5$



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

Year 2

Use 'counting on' strategies to add two collections, starting with the larger number e.g. $38 + 7$
Use 'counting back' strategies to take away



Counting and Numbers



Year 2 - Challenge

Use mental strategies
to add and subtract 2
digit numbers.



Number Facts

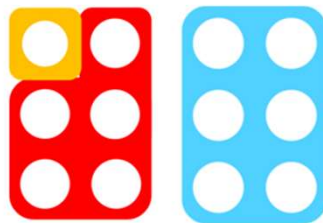


Year 1

Know number facts /
number bonds of
numbers 5, 6, 7, 8, 9
and 10 - addition and
subtraction

(Son am bondiau rhif)

$$5 + 1 = 6$$



Year 2

Use mental recall of
number facts up to 10
to derive other facts

$$4 + 4 = 8$$

$$40 + 40 = 80$$

$$6 + 4 = 10$$

$$60 + 40 = 100$$

$$5 + 4 = 90$$

$50 + 40 = 90$ ** same
with subtraction



Number Facts



Year 2 - Challenge

Use mental strategies
to recall number facts
within 20.
Know them - Learn its!



Number Bonds - Story to 10

STORY OF

2

$$0 + 2 = 2$$

$$1 + 1 = 2$$

$$2 + 0 = 2$$



STORY OF

3

$$0 + 3 = 3$$

$$1 + 2 = 3$$

$$2 + 1 = 3$$

$$3 + 0 = 3$$



STORY OF

4

$$0 + 4 = 4$$

$$1 + 3 = 4$$

$$2 + 2 = 4$$

$$3 + 1 = 4$$

$$4 + 0 = 4$$



STORY OF

5

$$0 + 5 = 5$$

$$1 + 4 = 5$$

$$2 + 3 = 5$$

$$3 + 2 = 5$$

$$4 + 1 = 5$$

$$5 + 0 = 5$$



STORY OF

6

$$0 + 6 = 6$$

$$1 + 5 = 6$$

$$2 + 4 = 6$$

$$3 + 3 = 6$$

$$4 + 2 = 6$$

$$5 + 1 = 6$$

$$6 + 0 = 6$$



STORY OF

7

$$0 + 7 = 7$$

$$1 + 6 = 7$$

$$2 + 5 = 7$$

$$3 + 4 = 7$$

$$4 + 3 = 7$$

$$5 + 2 = 7$$

$$6 + 1 = 7$$

$$7 + 0 = 7$$



STORY OF

8

$$0 + 8 = 8$$

$$1 + 7 = 8$$

$$2 + 6 = 8$$

$$3 + 5 = 8$$

$$4 + 4 = 8$$

$$5 + 3 = 8$$

$$6 + 2 = 8$$

$$7 + 1 = 8$$

$$8 + 0 = 8$$



STORY OF

9

$$0 + 9 = 9$$

$$1 + 8 = 9$$

$$2 + 7 = 9$$

$$3 + 6 = 9$$

$$4 + 5 = 9$$

$$5 + 4 = 9$$

$$6 + 3 = 9$$

$$7 + 2 = 9$$

$$8 + 1 = 9$$

$$9 + 0 = 9$$



STORY OF

10

$$0 + 10 = 10$$

$$1 + 9 = 10$$

$$2 + 8 = 10$$

$$3 + 7 = 10$$

$$4 + 6 = 10$$

$$5 + 5 = 10$$

$$6 + 4 = 10$$

$$7 + 3 = 10$$

$$8 + 2 = 10$$

$$9 + 1 = 10$$

$$10 + 0 = 10$$



DOUBLES

$1 + 1 = 2$	$11 + 11 = 22$
$2 + 2 = 4$	$12 + 12 = 24$
$3 + 3 = 6$	$13 + 13 = 26$
$4 + 4 = 8$	$14 + 14 = 28$
$5 + 5 = 10$	$15 + 15 = 30$
$6 + 6 = 12$	$16 + 16 = 32$
$7 + 7 = 14$	$17 + 17 = 34$
$8 + 8 = 16$	$18 + 18 = 36$
$9 + 9 = 18$	$19 + 19 = 38$
$10 + 10 = 20$	$20 + 20 = 40$



STORY OF

7



$$0 + 7 = 7$$

$$1 + 6 = 7$$

$$2 + 5 = 7$$

$$3 + 4 = 7$$

$$4 + 3 = 7$$

$$5 + 2 = 7$$

$$6 + 1 = 7$$

$$7 + 0 = 7$$

Welcome to Our
Fact Family House

7
2 5

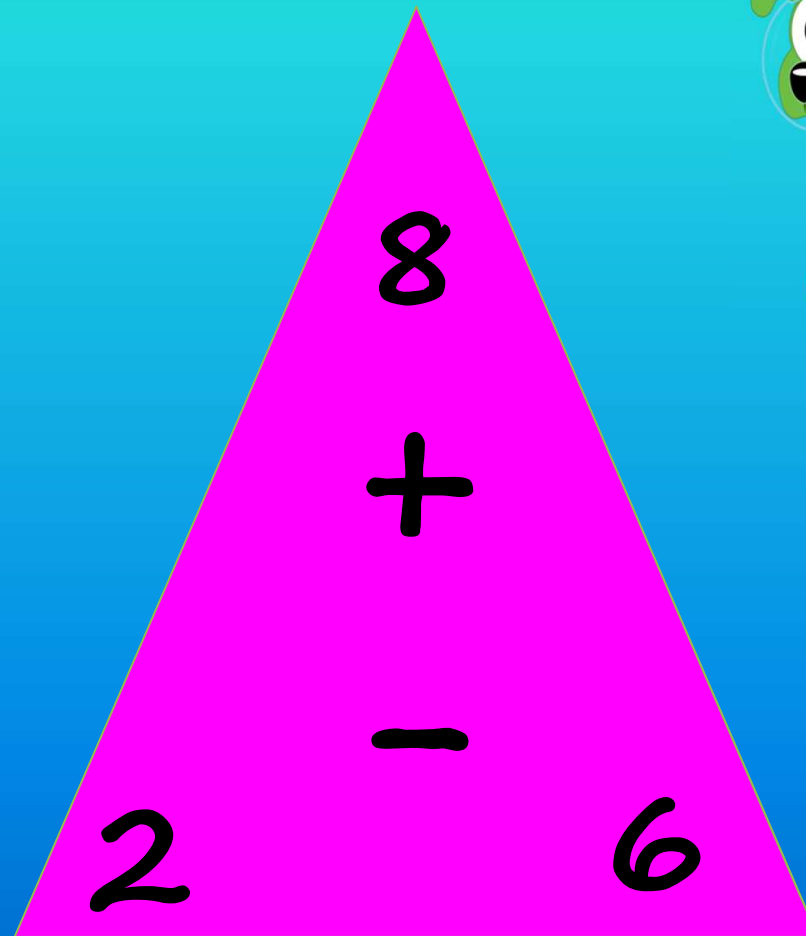
$$5 + 2 = 7$$

$$2 + 5 = 7$$

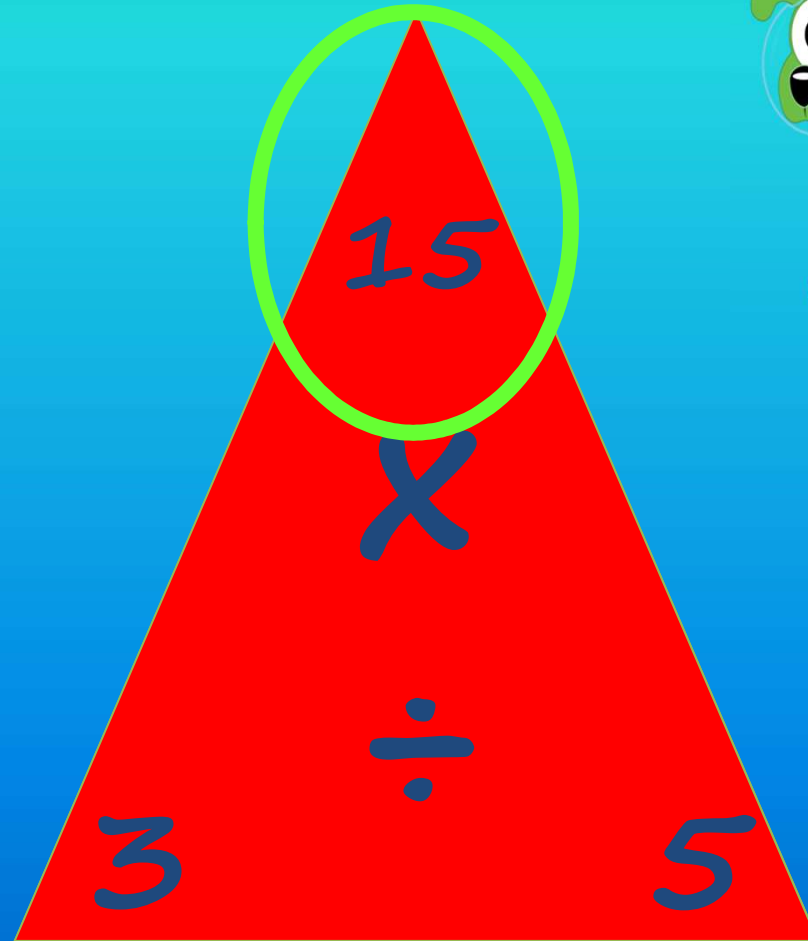
$$7 - 5 = 2$$

$$7 - 2 = 5$$

A fedrwch chi
ddod o hyd i'r 2
ffaith adio a'r 2
ffaith tynnu?



Let's wire
the
numbers
up!!





Counting and Numbers



Year 1	Year 2
<p data-bbox="300 480 864 651">Number facts - missing numbers</p> <p data-bbox="300 660 672 730">$7 + \underline{\quad} = 9$</p> <p data-bbox="300 746 689 817">$\underline{\quad} + 5 = 9$</p> <div data-bbox="427 839 712 1474"></div> <div data-bbox="855 826 1126 1452"></div>	<p data-bbox="1160 480 1688 651">missing number problems</p> <p data-bbox="1160 660 1700 737">e.g $40 - \underline{\quad} = 19$</p>



Counting and Numbers



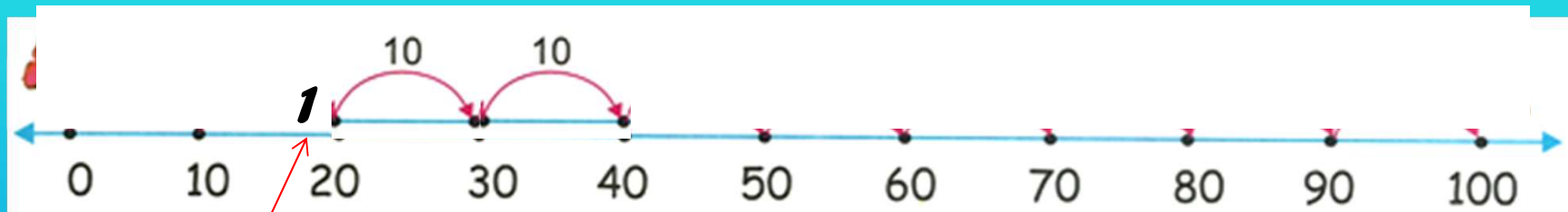
Year 2 - Challenge

Find an 'unknown' in one step equations to derive other facts

$$37 + \underline{\quad\quad\quad} = 100$$

$$100 - 37 = \underline{\quad\quad\quad}$$

$$40 - \underline{\quad} = 19$$





Counting and Numbers



Year 1	Year 2
Use known number facts when adding 3 numbers e.g.....	Understand that multiplication is repeated addition, e.g, 2+2+2 is the same as 'three two's' Numicon

$$\textcircled{3} + 5 + \textcircled{7} =$$



Counting and Numbers



Year 1	Year 2
<p>Count in 2's, 10's and 5's to 100.</p> <p>Counting in 10's also means 3, 13, 23, 33, 43 etc</p>	<p>Count in 2's, 10's and 5's from any given number</p>
<p>Count in 10's to 100 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100!</p>	<p>Recall and use the 2, 5, and 10 times table</p>



Counting and Numbers



Year 2 - Challenge

Recall 2,3,4,5 and 10
multiplication table to
solve multiplication and
division problems
Multiply numbers by 10

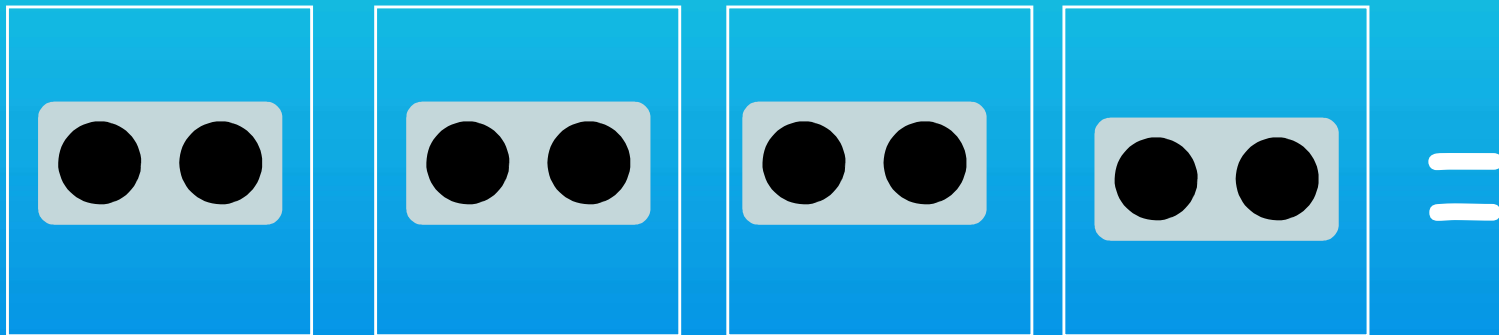
Identify multiples of 2
3 4 5 and 10 and use
the term multiples

3×7



$$4 \times 2 =$$

set o



4 set o 2 yn gweud



Mae gan bob iâr dwy goes. Mae 8
iâr ar y fferm. Sawl coes i gyd?



Customers who viewed **Numicon: Box of 80 Numicon Sha...** also viewed:



Numicon: Homework Activities Intervention Resource - 'Maths Bag' of R...

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Game
from £37.89

6 Used from **£46.30**

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Counting and Numbers



doubles

$1 + 1 = 2$



$2 + 2 = 4$



$3 + 3 = 6$



$4 + 4 = 8$



$5 + 5 = 10$



$6 + 6 = 12$



$7 + 7 = 14$



$8 + 8 = 16$



$9 + 9 = 18$



$10 + 10 = 20$



near doubles

$1 + 2 = 3$

$2 + 3 = 5$

$3 + 4 = 7$

$4 + 5 = 9$

$5 + 6 = 11$

$6 + 7 = 13$

$7 + 8 = 15$

$8 + 9 = 17$

$9 + 10 = 19$

$10 + 11 = 21$

Year 2

Recall doubles and near doubles up to 20

Recall halves up to 20

Finding doubles

$1 + 1 = 2$

$2 + 2 = 4$

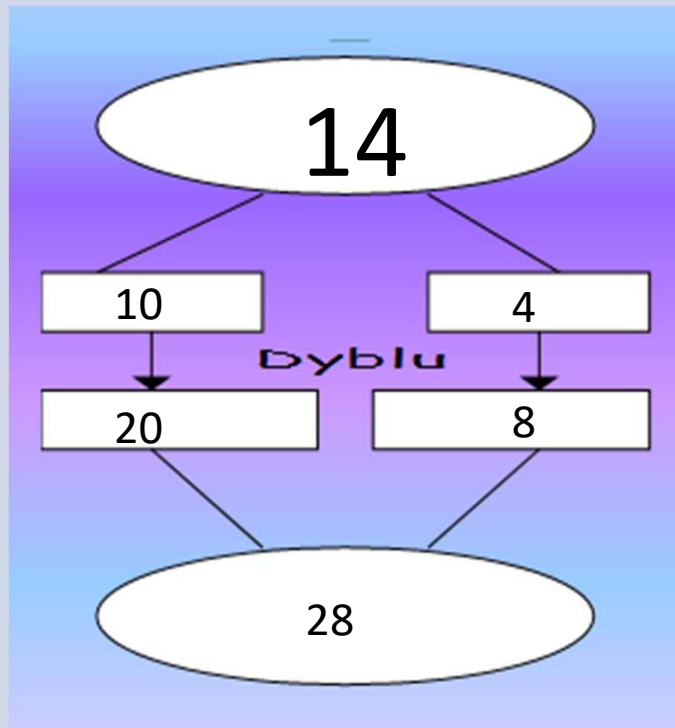
$3 + 3 = 6$



Doubling and Halving



Year 2



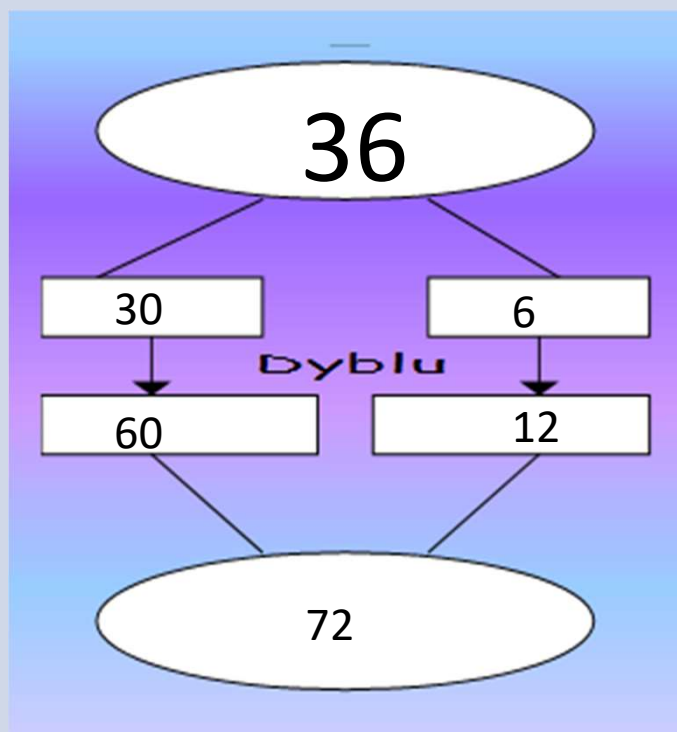
Partition 2 digit numbers and know the value of each number, partition to find out doubles and halve of numbers



Counting and Numbers



Year 2



Partition 2 digit numbers and know the value of each number, partition to find out doubles and half of numbers



Counting and Numbers



Year 2 - Challenge

Use halves and quarters in practical situations

e.g. Mum cooked 24 biscuits, Jack ate $\frac{1}{4}$ of the biscuits how many did he eat?

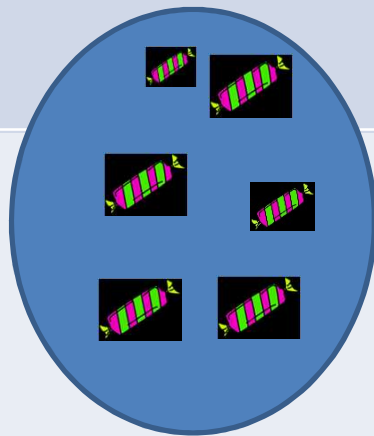
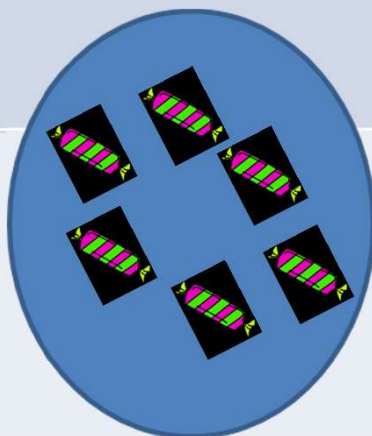
Halve and double 3 digit numbers

Recognise a $\frac{1}{4}$ as half of a half

Counting and Numbers

Year 2

$$12 \div 2 =$$



Begin to link multiplication with simple division e.g. grouping and sharing in 2s 5s and 10s





Counting and Numbers



Year 2 - Challenge

Division problems

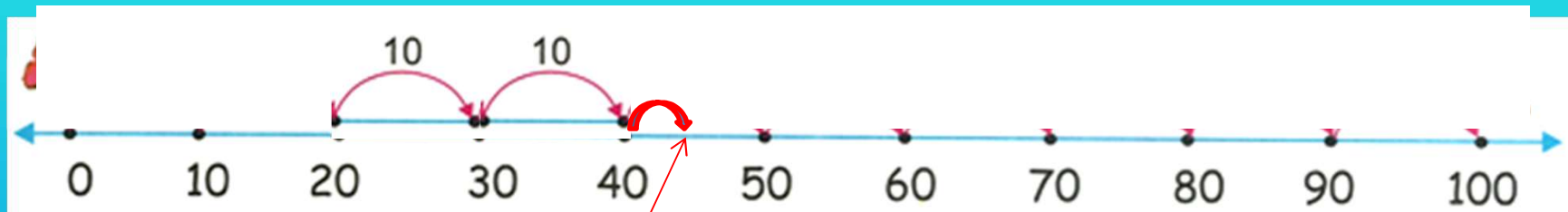


Mental Recall



Year 1	Year 2
<p>Mentally recall one more / one less of a numbers to 20</p>	<p>Mentally add 10 and 20 to a given number up to 100</p> <p>$23 + 20$, $20 + 13$</p> <p>Also subtract</p>

$$20 + 23 =$$



43

- Dangos gyda'r Numicon



Counting and Numbers



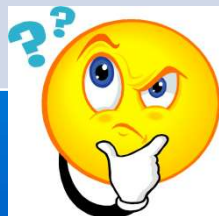
Year 1	Year 2
	<p data-bbox="1160 547 1966 898">Add and subtract 9 / 11 from a given number using knowledge of adding / subtracting 10</p> $34 + 10 = 44$ $34 + 9 = 43$



Counting and Numbers



Year 1	Year 2
<p>Solve simple problems in a practical situation that involve simple addition and subtraction up to at least 10</p>	<p>Solve one and two step problems that involve addition and subtraction, multiplication and division</p>





Datrys Problemau!

Beiciau 12c yr un



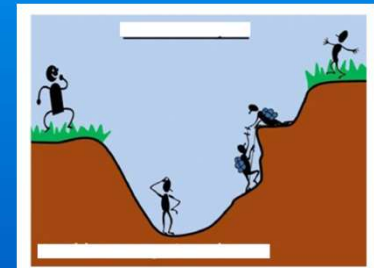
Mae Tomas yn prynu tri beic

Mae'n talu gyda £1



.

Faint o newid mae e'n cael?



Mae Bethan yn prynu banana sy'n costio **26c**.

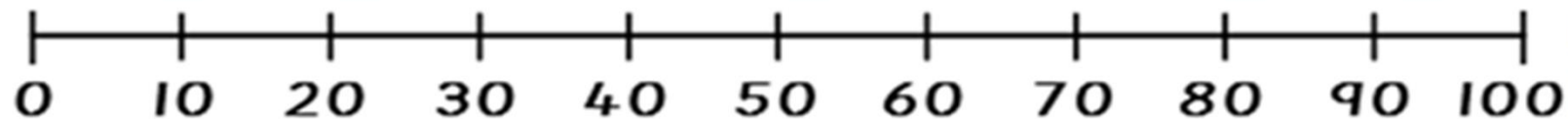
Mae hi'n talu gyda £1.

Faint o newid mae hi'n cael?



9	10
2	6
7	4

Newid =



Enw: _____

Dyddiad: _____

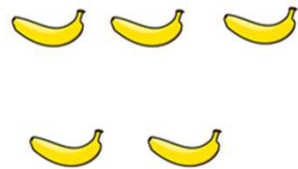
Cwis Maths



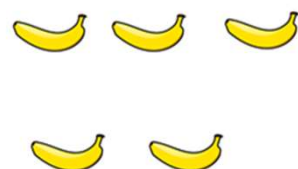
5 banana am 10 c

Mae 5 banana yn costio 10c.

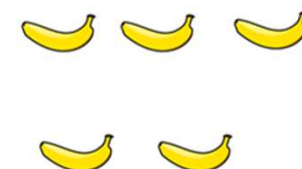
Faint yw cost 20 banana?



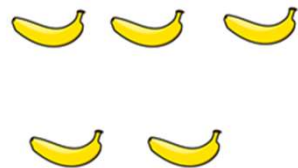
10 p



10 p



10 p

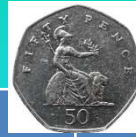


10 p





Money



Year 1

Use different combinations of money to pay for items up to 20p

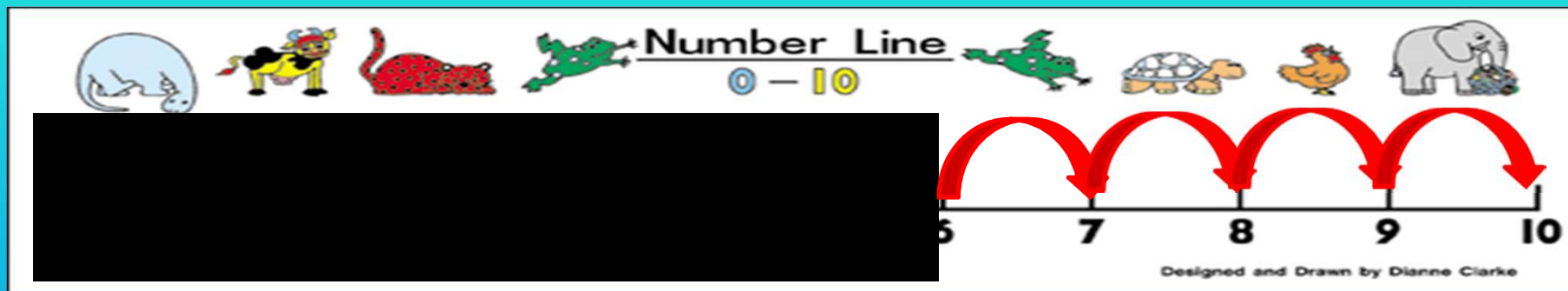
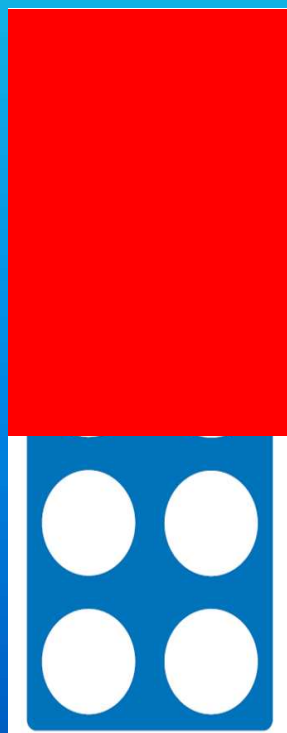
Find totals and give change from 10p

Year 2

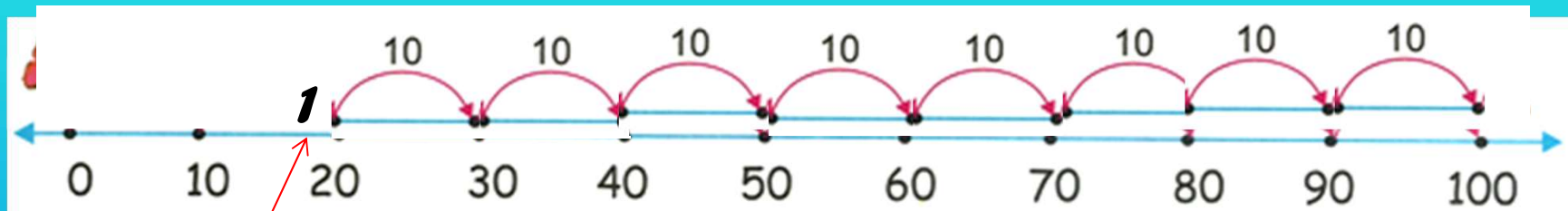
Use different combinations of money to pay for items up to £1

Find totals and give change from £1 and multiples of 10 e.g. 30p





19p



Change

81p



Counting and Numbers



Year 2 - Challenge

Pay for items up to £2
and calculate change.
They can order and
compare items up to
£10

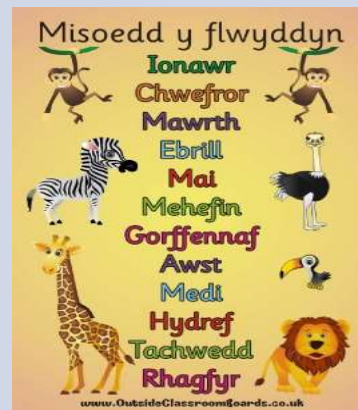


Counting and Numbers



Reception

Sing / chant days of the week and months of the year



Year 1

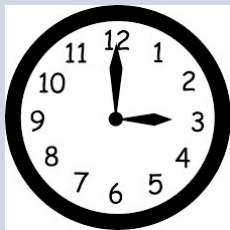
Understand the order of the days of the week, the months of the year and the seasons

Time



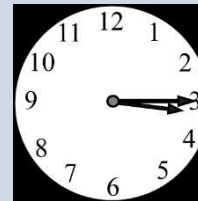
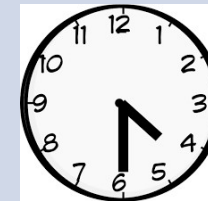
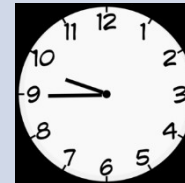
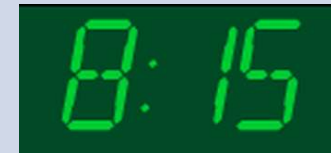
Year 1

Use standard units of time to read 'o'clock' using both analogue and 12 hour digital clock



Year 2

Read half past, quarter to and quarter past using both a digital and analogue clock



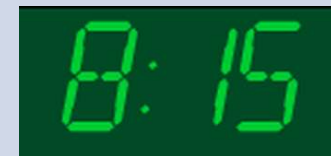
Time



Year 1

Year 2

Read hours and minutes
on a 12 hour digital
clock





Time



Year 2 - Challenge

Tell the time to the **nearest 5 minutes** on an analogue clock and calculate how long it is till the next hour

Calculate start times, finish times and durations using hours, 30 minute intervals and 15 minute intervals

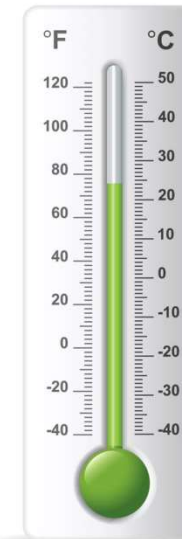
Time



Year 1

Year 2

Compare daily
temperature on a
thermometer



Measures



Year 1

Year 2

Make sensible estimates of measurement in length, height weight and capacity

Measures



Year 1

Year 2

Use standard units to measure

- length, height and distance, meters, half meters and centimetres
- weight/mass: kilograms or 10 gram weights
- capacity - litres

Time

Year 2 - Challenge

Recognise that
perimeter is the
distance around a
shape

Measure on a ruler to
the nearest $\frac{1}{2}$ cm,
Weigh using 5g, 10g,
100g

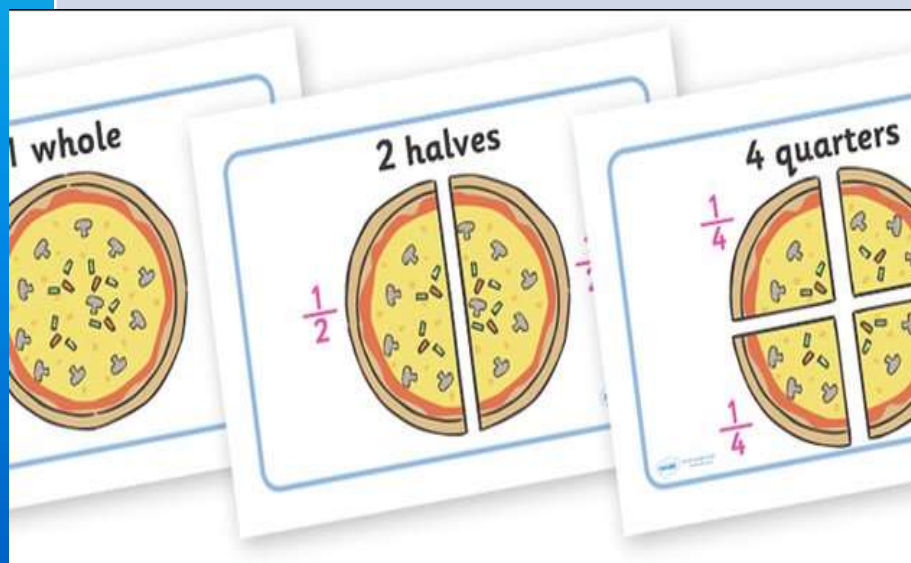
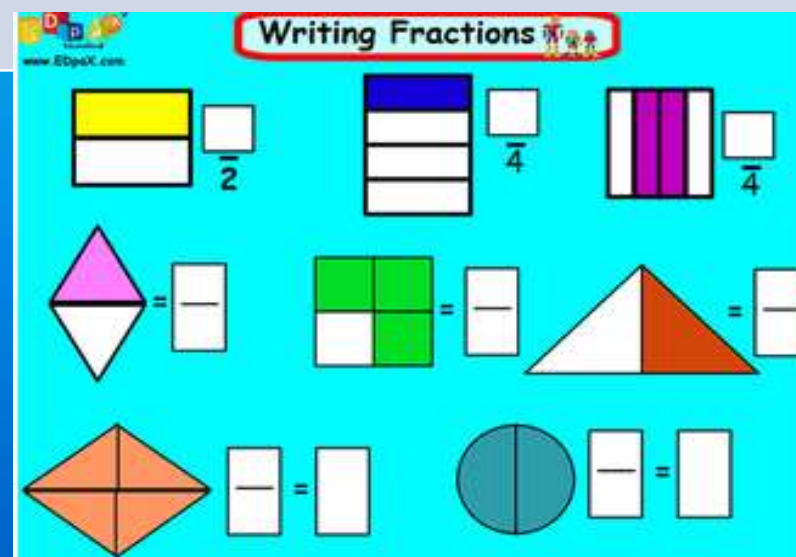
Use litres and half
litres - measure to the
nearest ml





Year 2

Use halves and quarters in practical situation





Counting and Numbers



Year 2 - Challenge

There are 12 children
in the class $\frac{1}{4}$ of them
are boys, how many
boys are there?

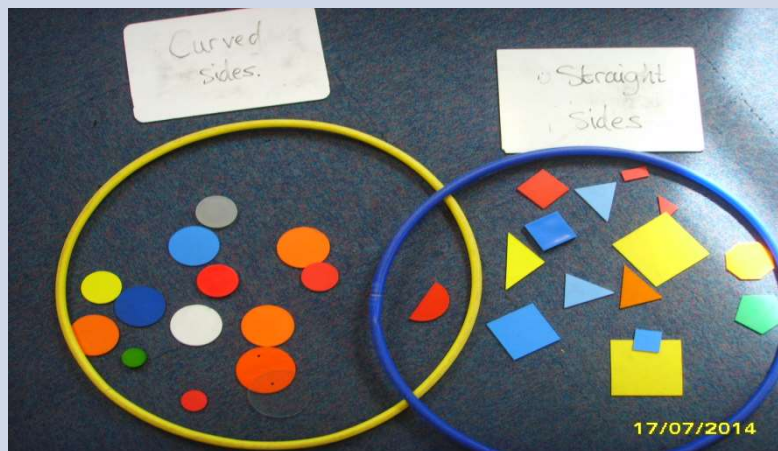


Shape



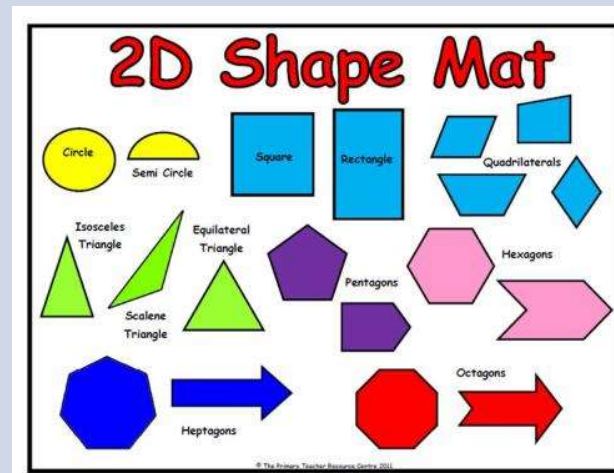
Year 1

Recognise and name common 2D and 3D shapes and be able to compare and sort these shapes



Year 2

Recognise and name irregular 2d and 3d shapes, understand and use the properties of shape





Counting and Numbers



Year 2 - Challenge

Recognise and classify triangles, squares, rectangles, pentagons, and hexagons including irregular cases.

Identify right angles
Describe an angle as more or less than a right angle.



Ordinal Language



Year 1	Year 2
Use ordinal numbers to 20	Use and record ordinal numbers in practical situations

1af

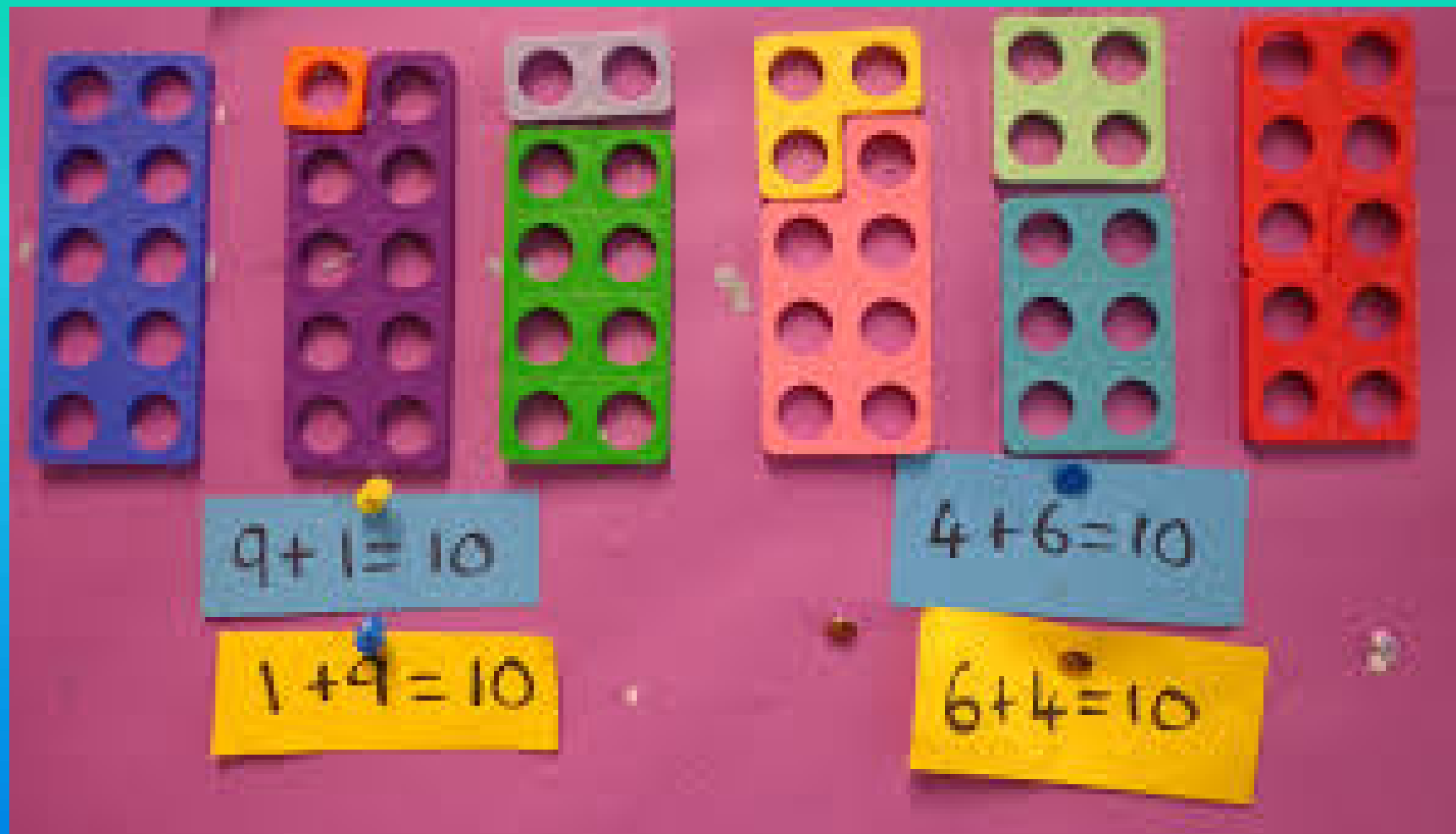
2ail

3ydd

4ydd

5ed





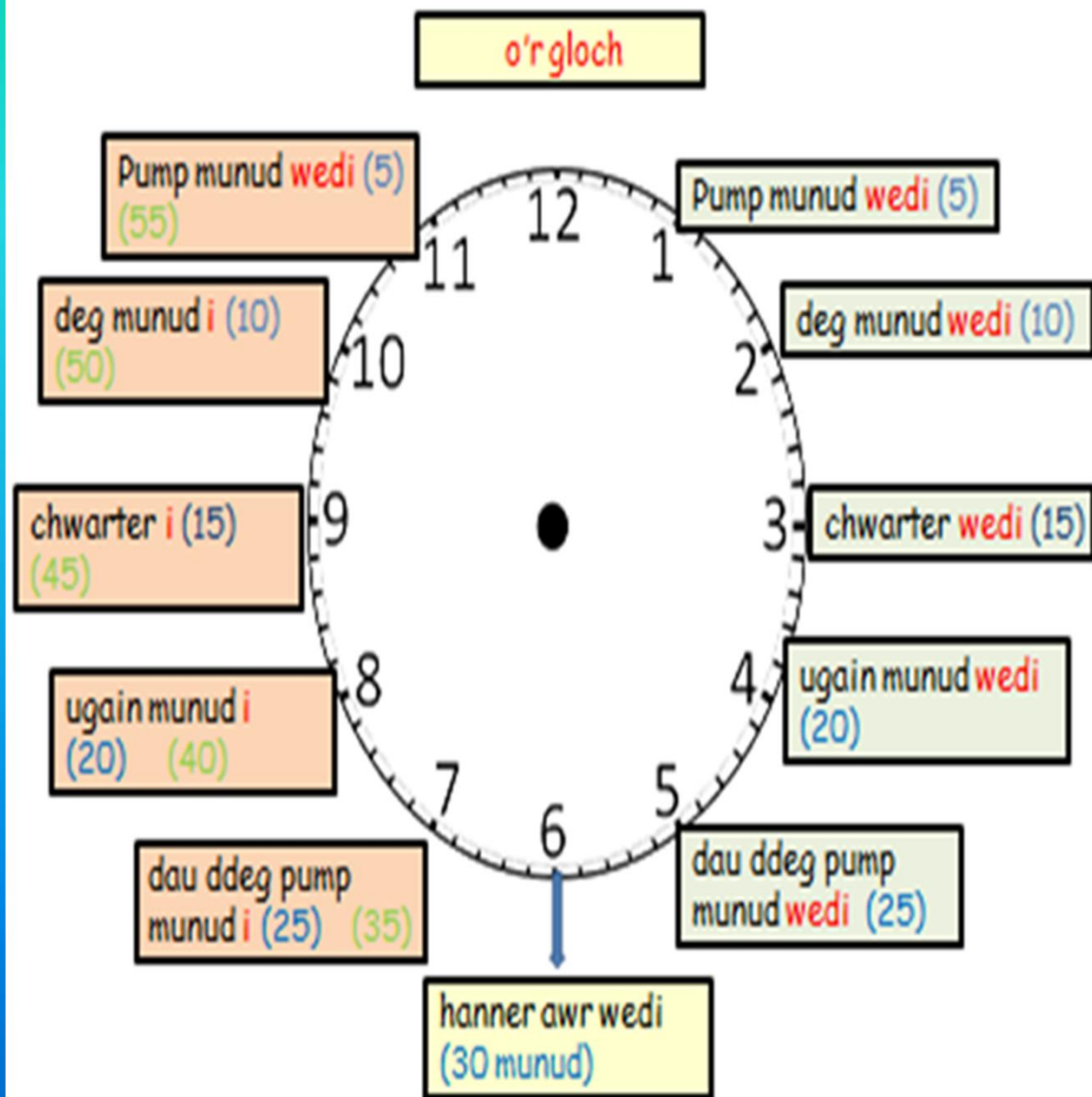
Place value – doubles

Finding doubles

$$\begin{array}{|c|} \hline \bigcirc \\ \hline \end{array} + \begin{array}{|c|} \hline \bigcirc \\ \hline \end{array} = \begin{array}{|c|c|} \hline \bigcirc & \bigcirc \\ \hline \end{array}$$

$$\begin{array}{|c|c|} \hline \bigcirc & \bigcirc \\ \hline \end{array} + \begin{array}{|c|c|} \hline \bigcirc & \bigcirc \\ \hline \end{array} = \begin{array}{|c|c|} \hline \bigcirc & \bigcirc \\ \hline \bigcirc & \bigcirc \\ \hline \end{array}$$

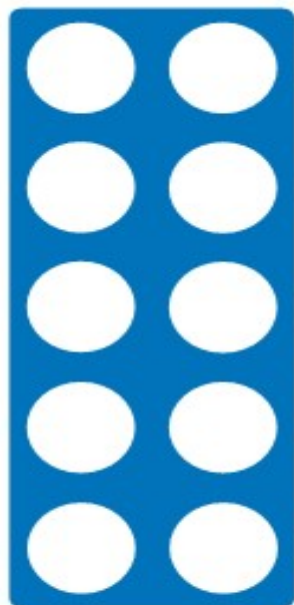
$$\begin{array}{|c|c|} \hline & \bigcirc \\ \hline \bigcirc & \bigcirc \\ \hline \end{array} + \begin{array}{|c|c|} \hline & \bigcirc \\ \hline \bigcirc & \bigcirc \\ \hline \end{array} = \begin{array}{|c|c|} \hline \bigcirc & \bigcirc \\ \hline \bigcirc & \bigcirc \\ \hline \bigcirc & \bigcirc \\ \hline \end{array}$$



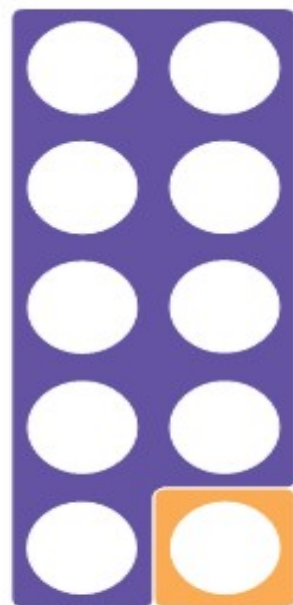
Pump a deg munud **wedi**,
 Chwarter **wedi**,
 Ugain munud **wedi**,
 Dau ddeg pum munud
wedi,
Hanner yr awr

Dau ddeg pump munud **i**,
 Ugain munud **i**,
 Chwarter **i**,
 Deg a pump munud **i**,
o'r gloch.

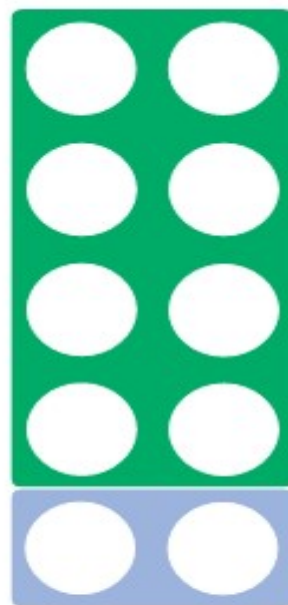
Bondiau 10



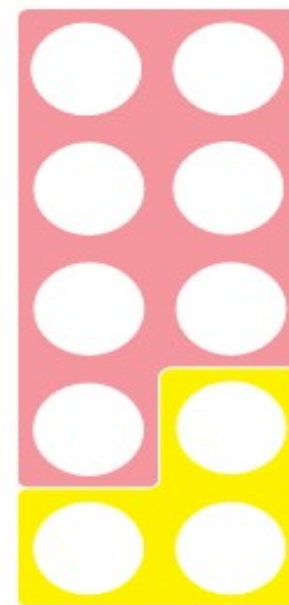
$$0 + 10$$



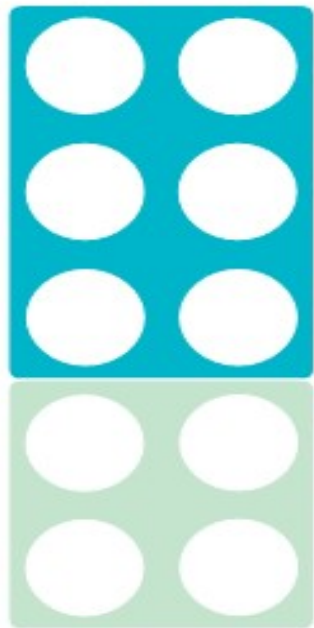
$$1 + 9$$



$$2 + 8$$



$$3 + 7$$



$$4 + 6$$



$$5 + 5$$



$$6 + 4$$



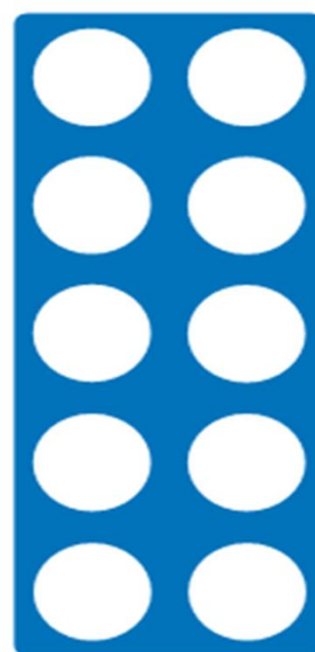
$$7 + 3$$



$$8 + 2$$



$$9 + 1$$



~~10~~

$$0 + 10$$

Bondiau 10!



Bondiau 6

$$0+6 \text{ (green domino)} = 6 \text{ (green domino)}$$

$$\text{ (orange square)} 1+5 \text{ (red domino)} = 6 \text{ (red domino)}$$

$$\text{ (grey domino)} 2+4 \text{ (green domino)} = 6 \text{ (green domino)}$$

$$\text{ (yellow domino)} 3+3 \text{ (yellow domino)} = 6 \text{ (yellow domino)}$$

$$\text{ (green domino)} 4+2 \text{ (grey domino)} = 6 \text{ (green domino)}$$

$$\text{ (red domino)} 5+1 \text{ (orange square)} = 6 \text{ (red domino)}$$

$$\text{ (green domino)} 6+0 = 6 \text{ (green domino)}$$



Bondiau 8

0+8  = 8 

 1+7  = 8  

 2+6  = 8  

 3+5  = 8  

 4+4  = 8  

 **5+3**  **=8**  

 **6+2**  **=8**  

 **7+1**  **=8**  

 **8+0** **=8** 



2

4

6

8

10

12

14

16

18

20



$1 \times 2 =$

2

$6 \times 2 =$

12

$2 \times 2 =$

4

$7 \times 2 =$

14

$3 \times 2 =$

6

$8 \times 2 =$

16

$4 \times 2 =$

8

$9 \times 2 =$

18

$5 \times 2 =$

10

$10 \times 2 =$

20

$$6 \times 5 = 30$$

$$1 \times 5 = 5$$

$$7 \times 5 = 35$$

$$2 \times 5 = 10$$

$$8 \times 5 = 40$$

$$3 \times 5 = 15$$

$$4 \times 5 = 20$$

$$9 \times 5 = 45$$

$$5 \times 5 = 25$$

$$10 \times 5 = 50$$



Ionawr



Chwefror



Mawrth



Ebrill



Mai



Mehefin



Gorffennaf



Awst



Medi



Hydref



Tachwedd



Rhagfyr

