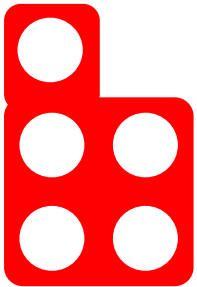
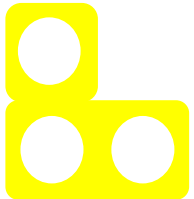


$5 + 3 =$



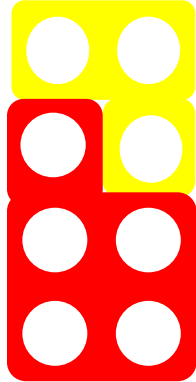
5

+



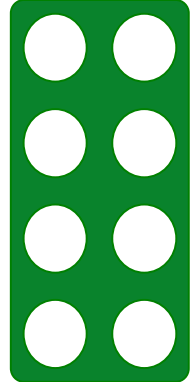
3

=



(5 + 3)

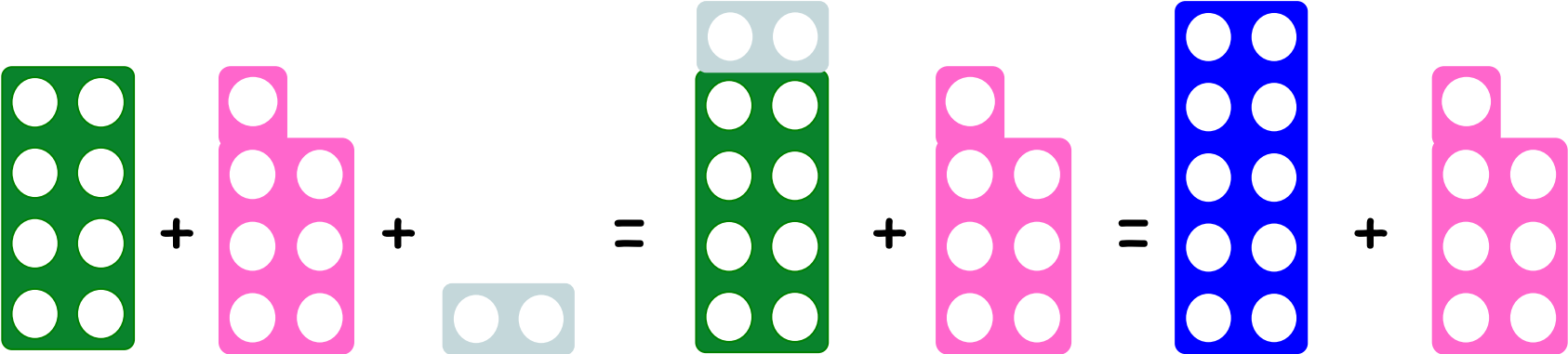
=



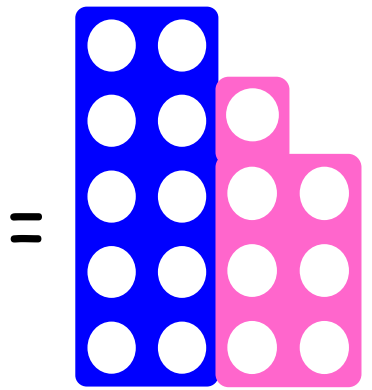
8

$5 + 3 = 8$	$3 + 5 = 8$
$8 - 3 = 5$	$8 - 5 = 3$

$$8 + 7 + 2 =$$



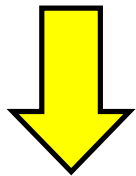
$$8 + 7 + 2 = (8+2) + 7 = 10 + 7$$



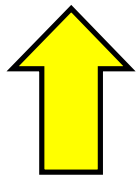
17

$28 + 35$

Dechreuwch
gyda'r rhif
mwyaf



+ 10



- 10

r h e s →

+ 1

- 1

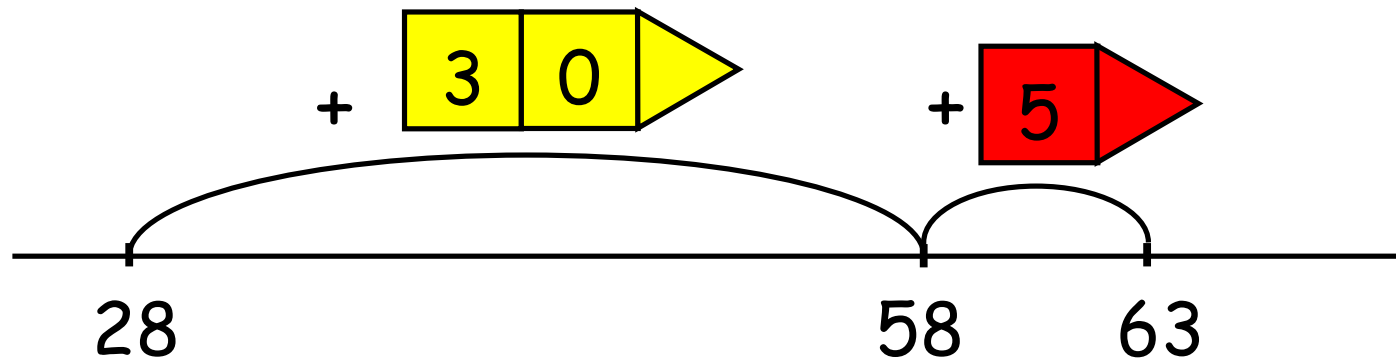
3

-21	-20	-19	-18	-17	-16	-15	-14	-13	-12	-11	-10	-9	-8
-11	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2
-1	0	1	2	3	4	5	6	7	8	9	10	11	12
9	10	11	12	13	14	15	16	17	18	19	20	21	22
19	20	21	22	23	24	25	26	27	28	29	30	31	32
29	30	31	32	33	34	35	36	37	38	39	40	41	42
39	40	41	42	43	44	45	46	47	48	49	50	51	52
49	50	51	52	53	54	55	56	57	58	59	60	61	62
59	60	61	62	63	64	65	66	67	68	69	70	71	72
69	70	71	72	73	74	75	76	77	78	79	80	81	82
79	80	81	82	83	84	85	86	87	88	89	90	91	92
89	90	91	92	93	94	95	96	97	98	99	100	101	102
99	100	101	102	103	104	105	106	107	108	109	110	111	112
109	110	111	112	113	114	115	116	117	118	119	120	121	122

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$$28 + 35 = \begin{array}{|c|c|} \hline 2 & 8 \\ \hline \end{array} \blacktriangleright + \begin{array}{|c|c|} \hline 3 & 5 \\ \hline \end{array} \blacktriangleright$$

$$= \begin{array}{|c|c|} \hline 2 & 8 \\ \hline \end{array} \blacktriangleright + \begin{array}{|c|c|} \hline 3 & 0 \\ \hline \end{array} \blacktriangleright + \begin{array}{|c|} \hline 5 \\ \hline \end{array} \blacktriangleright$$



$$28 + 35 = 63$$

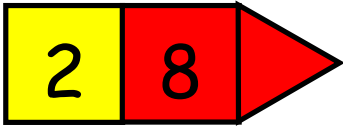

$$28 + 35 = 63$$

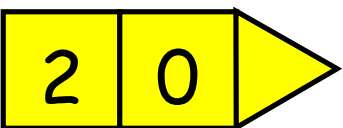
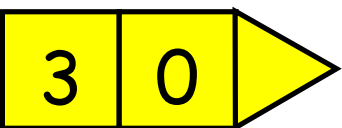
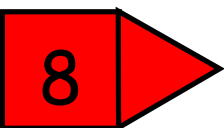

$$35 + 28 = 63$$

$$63 - 35 = 28$$

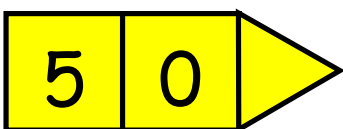
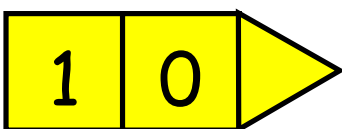
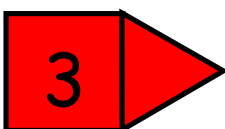
$$63 - 28 = 35$$

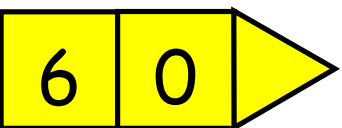
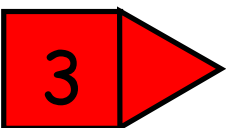
5

$28 + 35 =$  $+$ 

$=$  $+$  $+$  $+$ 

$=$  $+$ 

$=$  $+$  $+$ 

$=$  $+$ 

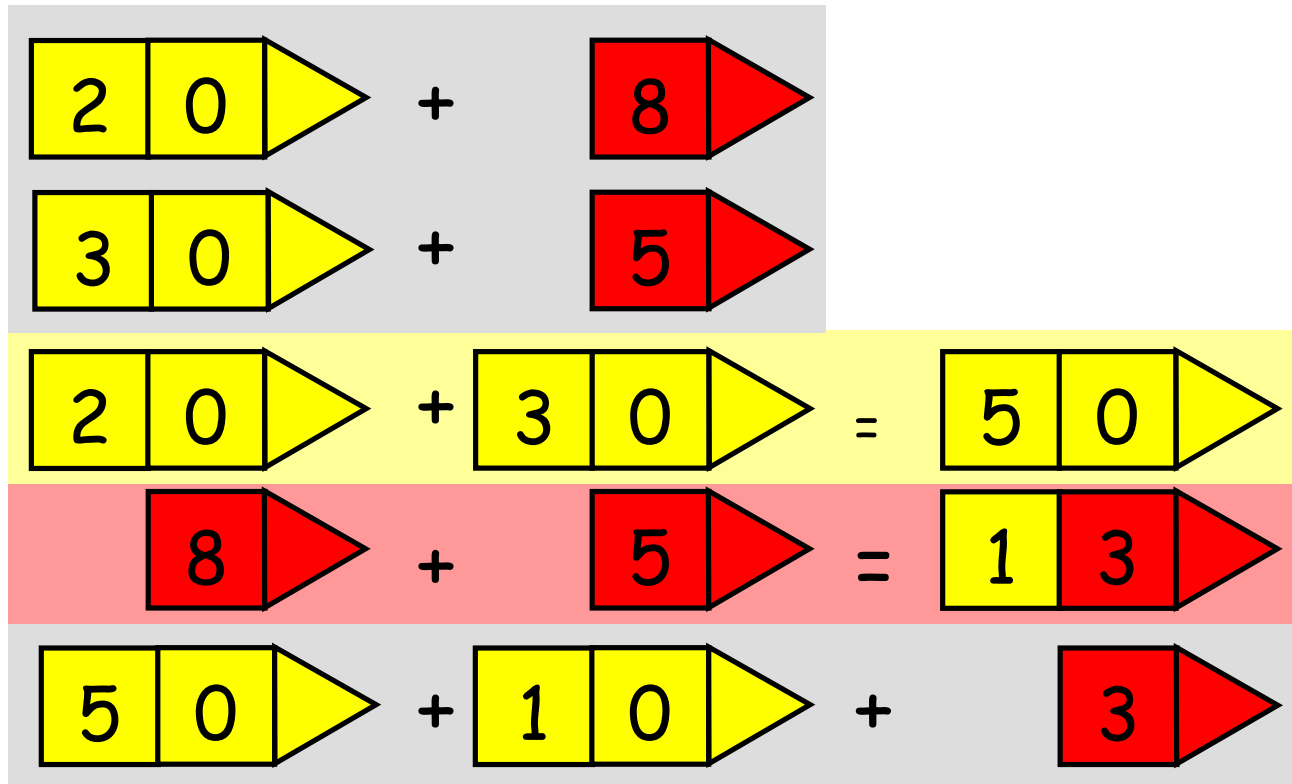
$=$ 

$28 + 35 = 63$	$35 + 28 = 63$
$63 - 35 = 28$	$63 - 28 = 35$

$$28 + 35$$

6

$$\begin{array}{r} 28 \\ + 35 \\ \hline 50 \\ 13 \\ \hline 63 \end{array}$$



$$28 + 35 = 63$$

$$35 + 28 = 63$$

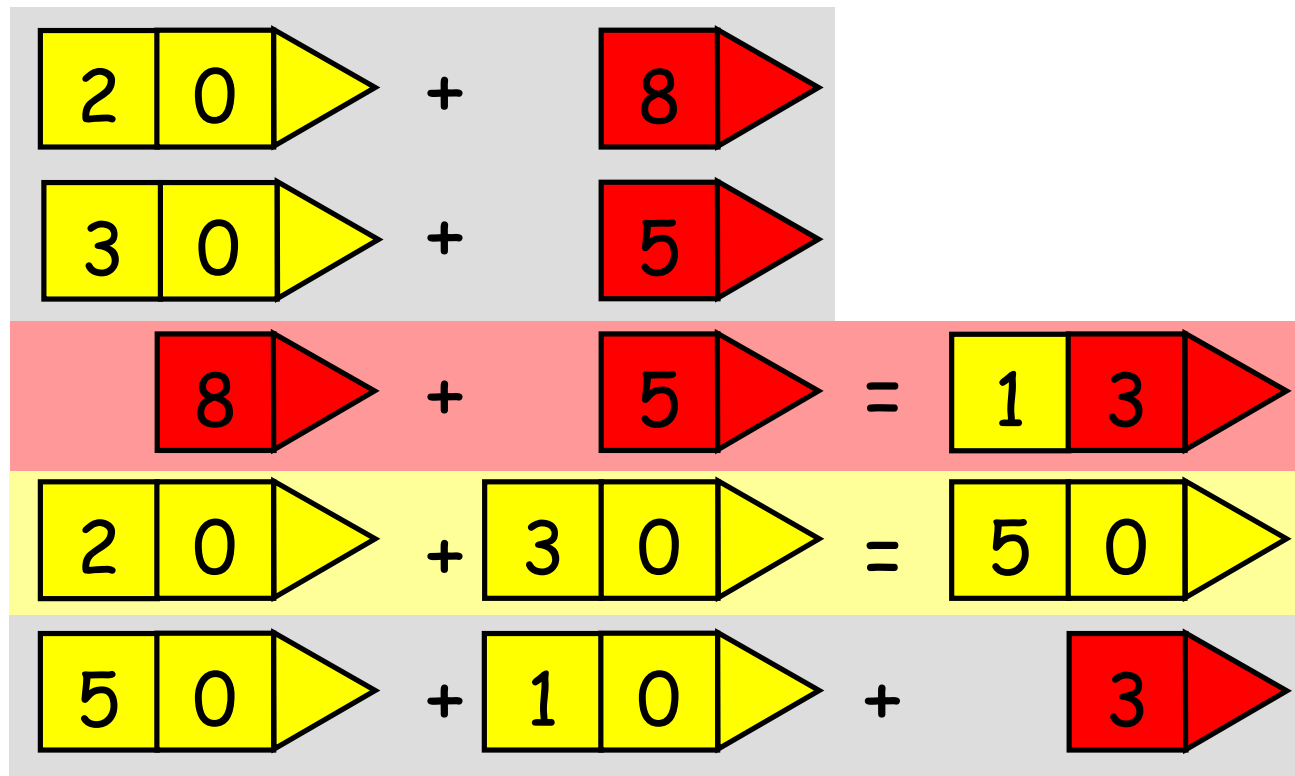
$$63 - 35 = 28$$

$$63 - 28 = 35$$

$28 + 35$

7

$$\begin{array}{r} 28 \\ + 35 \\ \hline 13 \\ 50 \\ \hline 63 \end{array}$$



$28 + 35 = 63$

$35 + 28 = 63$

$63 - 35 = 28$

$63 - 28 = 35$

$28 + 35$

8

20 adio 30 yw 50.
50 adio'r 10 wedi
ei 'gario' yw 60

3

+

2	8
3	5
<hr/>	
6	3
<hr/>	
1	

1

8 adio 5 yw 13
(10 + 3)

3 o'r 13

2a

10 wedi ei
'gario' o'r 13

2b

$28 + 35 = 63$

$35 + 28 = 63$

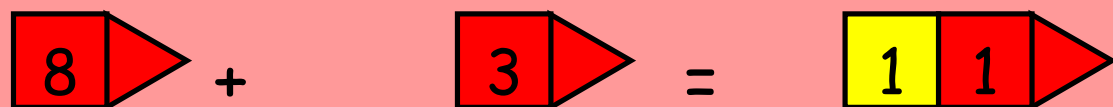
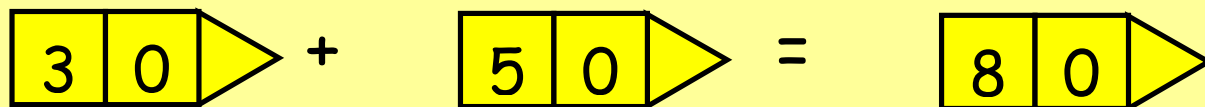
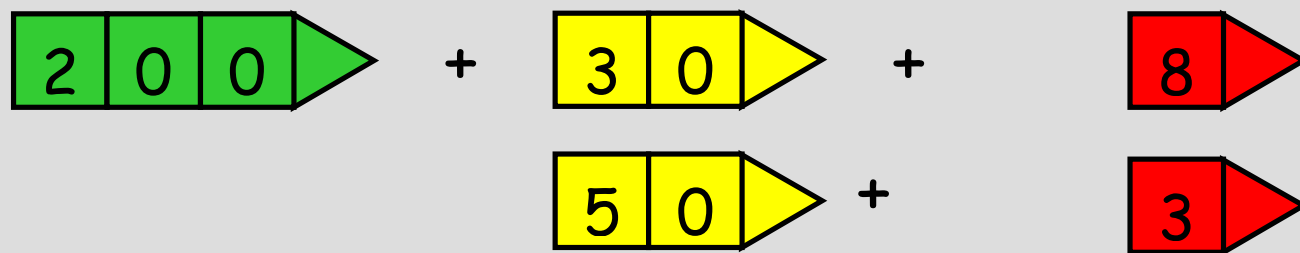
$63 - 35 = 28$

$63 - 28 = 35$

$$239 + 53$$

8a

$$\begin{array}{r} 238 \\ + 53 \\ \hline 200 \\ 80 \\ 11 \\ \hline 291 \\ \hline \end{array}$$



$$239 + 53 = 291$$

$$239 + 53 = 291$$

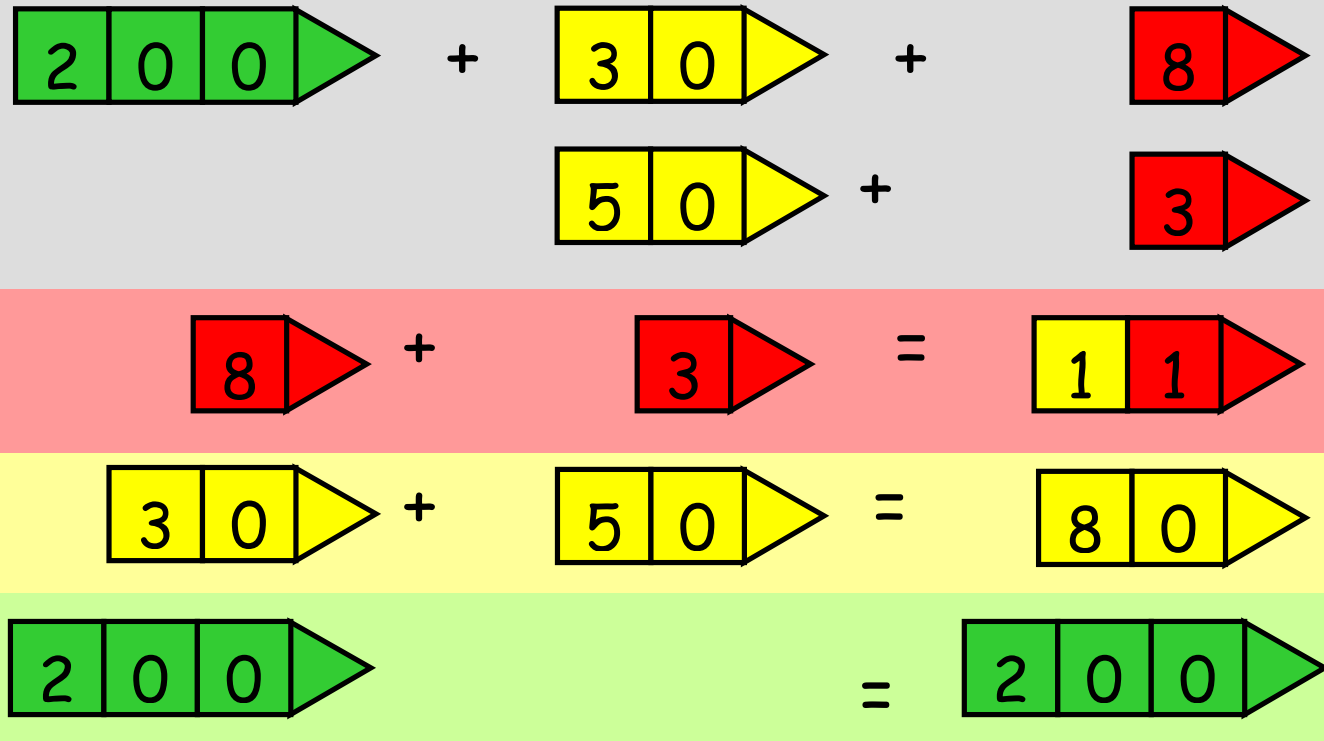
$$291 - 238 = 53$$

$$291 - 53 = 238$$

$$239 + 53$$

8b

$$\begin{array}{r} 238 \\ + 53 \\ \hline 11 \\ 80 \\ 200 \\ \hline 291 \\ \hline \end{array}$$



$$239 + 53 = 291$$

$$239 + 53 = 291$$

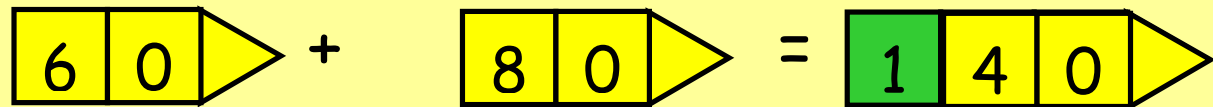
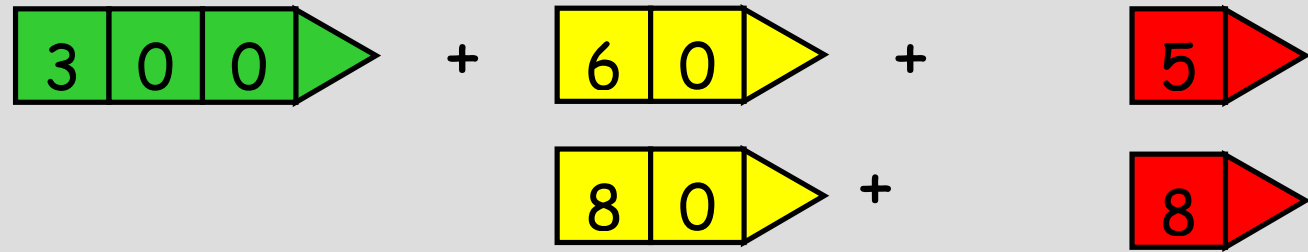
$$291 - 238 = 53$$

$$291 - 53 = 238$$

$$365 + 88$$

8c

$$\begin{array}{r} 365 \\ + 88 \\ \hline 300 \\ 140 \\ 13 \\ \hline 453 \\ \hline \end{array}$$



$$239 + 53 = 291$$

$$239 + 53 = 291$$

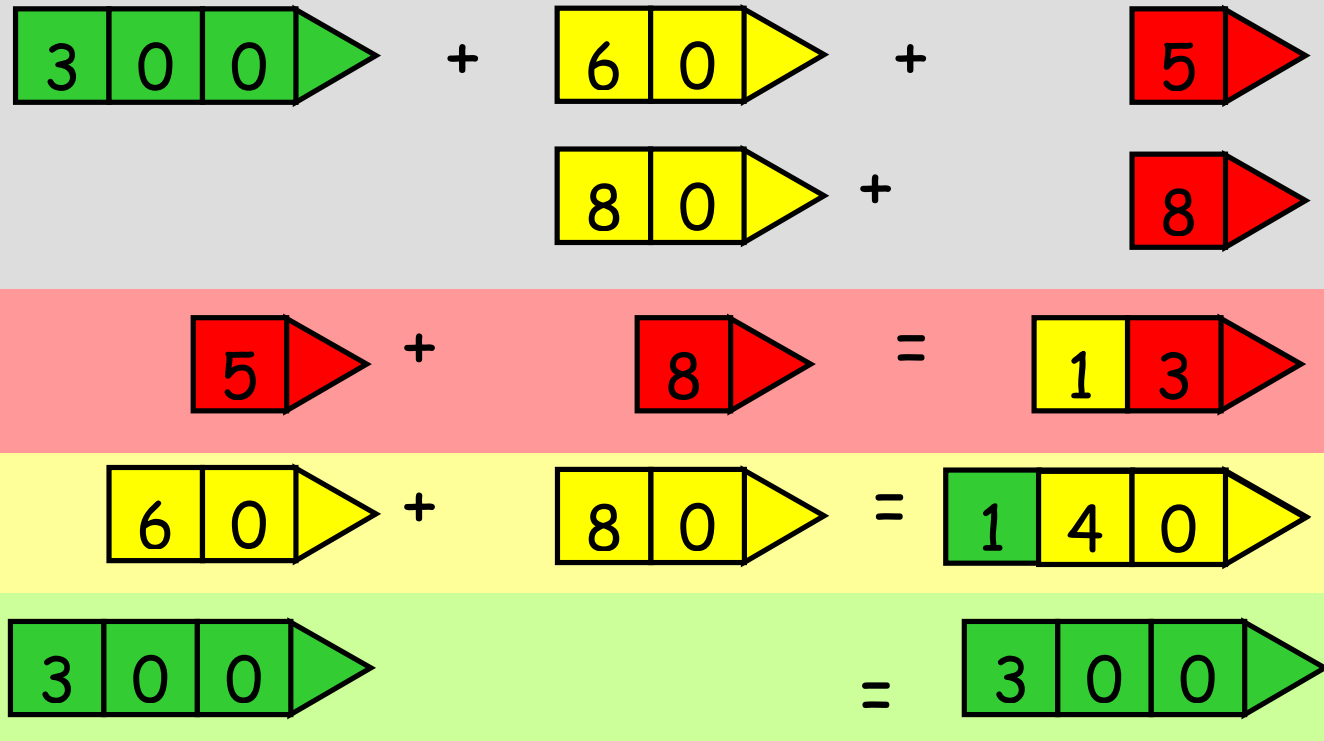
$$291 - 238 = 53$$

$$291 - 53 = 238$$

$365 + 88$

8ch

$$\begin{array}{r} 365 \\ + 88 \\ \hline 13 \\ 140 \\ 300 \\ \hline 453 \\ \hline \end{array}$$



$365 + 88 = 453$

$88 + 365 = 453$

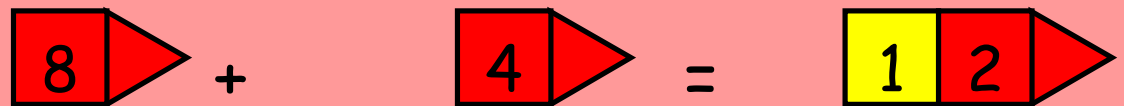
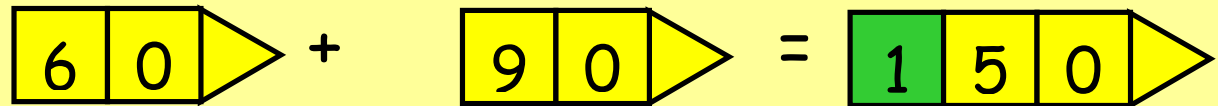
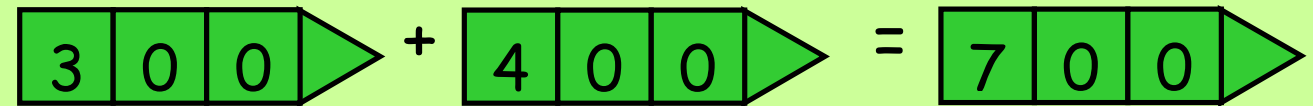
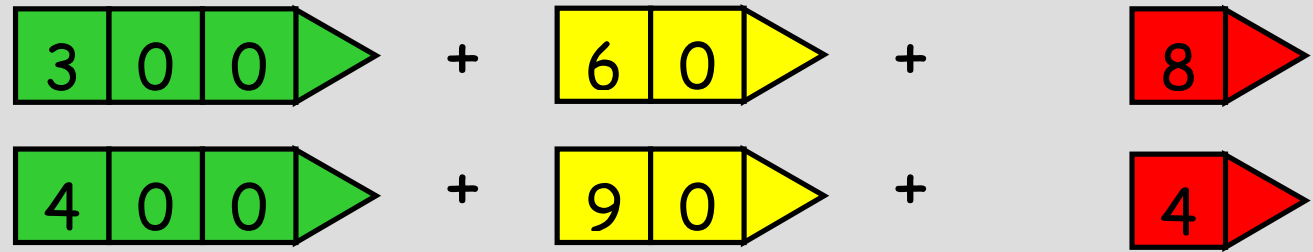
$453 - 365 = 88$

$453 - 88 = 365$

$368 + 494$

9

$$\begin{array}{r} 368 \\ + 494 \\ \hline 700 \\ 150 \\ 12 \\ \hline 862 \\ \hline \end{array}$$



$368 + 494 = 862$

$494 + 368 = 862$

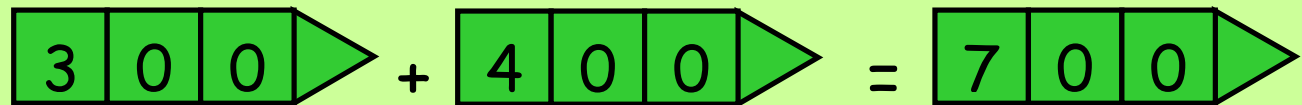
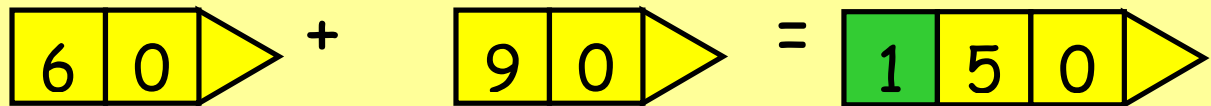
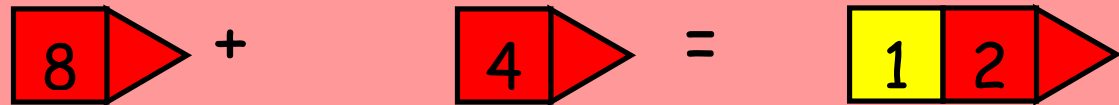
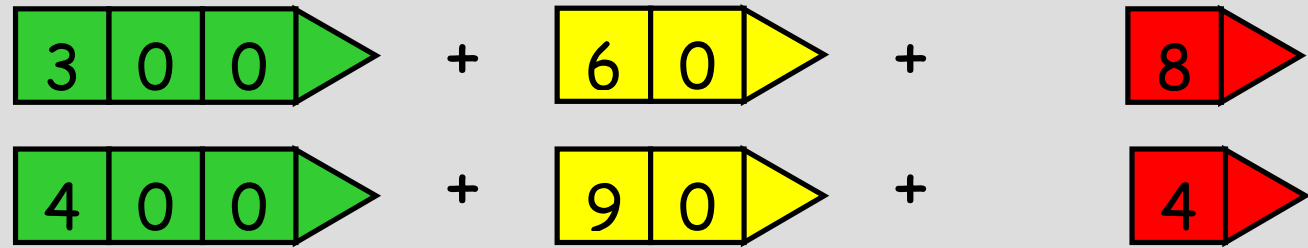
$862 - 494 = 368$

$862 - 368 = 494$

$368 + 494$

10

$$\begin{array}{r} 368 \\ + 494 \\ \hline 12 \\ 150 \\ 700 \\ \hline 862 \\ \hline \end{array}$$



$368 + 494 = 862$

$494 + 368 = 862$

$862 - 494 = 368$

$862 - 368 = 494$

$$368 + 494$$

11

3a

60 adio 90 yw 150.
150 adio'r 10 wedi
ei 'gario' yw 160

1

8 adio 4 yw 12
(10 + 2)

300 adio 400 yw 700
700 adio'r 100 wedi
ei 'gario' yw 800

+

3	6	8
4	9	4
8	6	2
1	1	

2 o'r 12

2a

4

10 wedi ei
'gario' o'r 12

2b

3b

100 wedi ei
'gario' o'r 160

$$368 + 494 = 862$$

$$494 + 368 = 862$$

$$862 - 494 = 368$$

$$862 - 368 = 494$$

$$5.6 + 2.8 = \begin{array}{|c|c|} \hline 5 & 6 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 2 & 8 \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline 5 \\ \hline \end{array} + \begin{array}{|c|} \hline 2 \\ \hline \end{array} + \begin{array}{|c|c|} \hline \bullet & 6 \\ \hline \end{array} + \begin{array}{|c|c|} \hline \bullet & 8 \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline 7 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 1 & 4 \\ \hline \end{array}$$

$$= \begin{array}{|c|c|} \hline 8 & 4 \\ \hline \end{array}$$

$$5.6 + 2.8 = 8.4$$

$$2.8 + 5.6 = 8.4$$

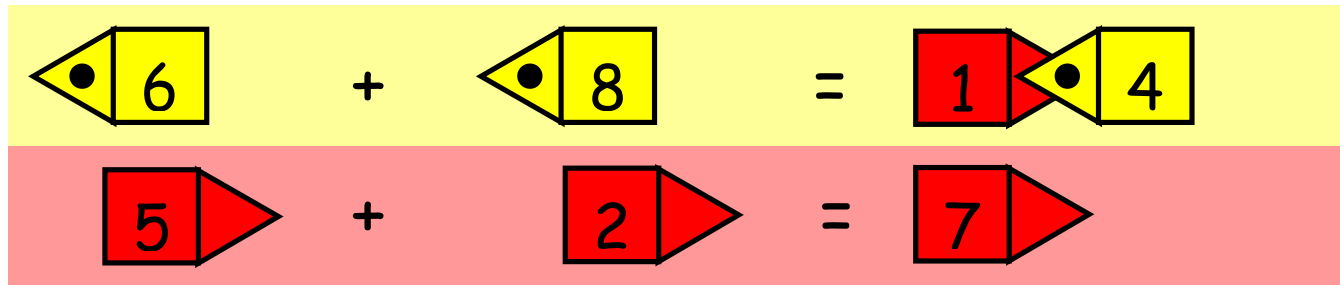
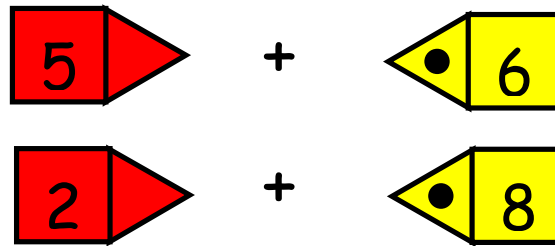
$$8.4 - 2.8 = 5.6$$

$$8.4 - 5.6 = 2.8$$

$$5.6 + 2.8$$

13

$$\begin{array}{r} 5.6 \\ + 2.8 \\ \hline 1.4 \\ 7.0 \\ \hline 8.4 \end{array}$$



$$5.6 + 2.8 = 8.4$$

$$2.8 + 5.6 = 8.4$$

$$8.4 - 2.8 = 5.6$$

$$8.4 - 5.6 = 2.8$$

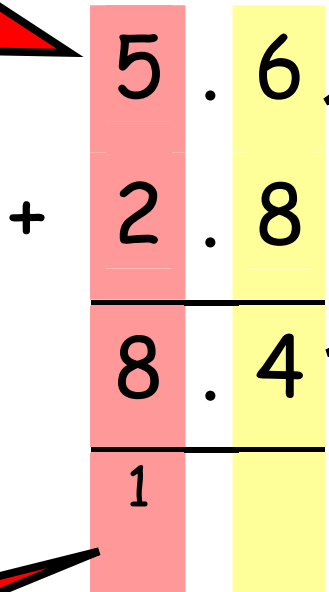
$5.6 + 2.8$

14

5 adio 2 yw 7.
7 adio'r 1 wedi ei
'gario' yw 8

1

0.6 adio 0.8
yw 1.4



0.4 o'r 1.4

2a

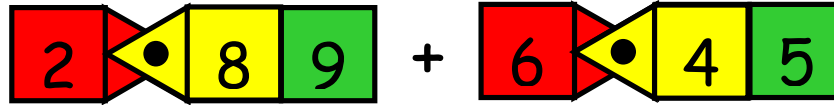
3

1 wedi ei
'gario' o'r 1.4

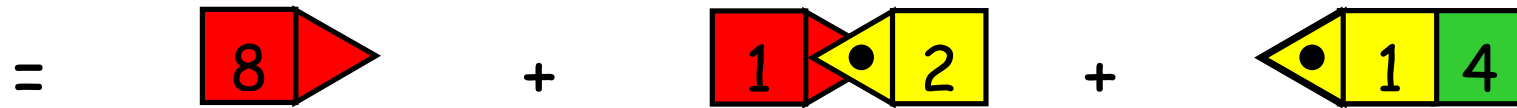
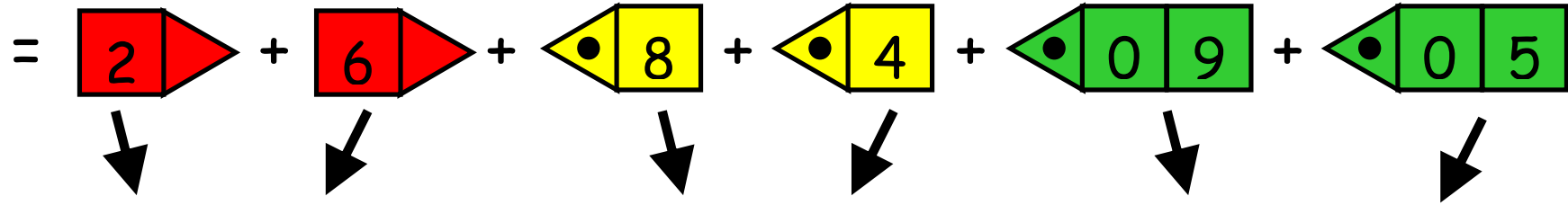
2b

$5.6 + 2.8 = 8.4$	$2.8 + 5.6 = 8.4$
$8.4 - 2.8 = 5.6$	$8.4 - 5.6 = 2.8$

$2.89 + 6.45 =$



15



$2.89 + 6.45 = 9.34$

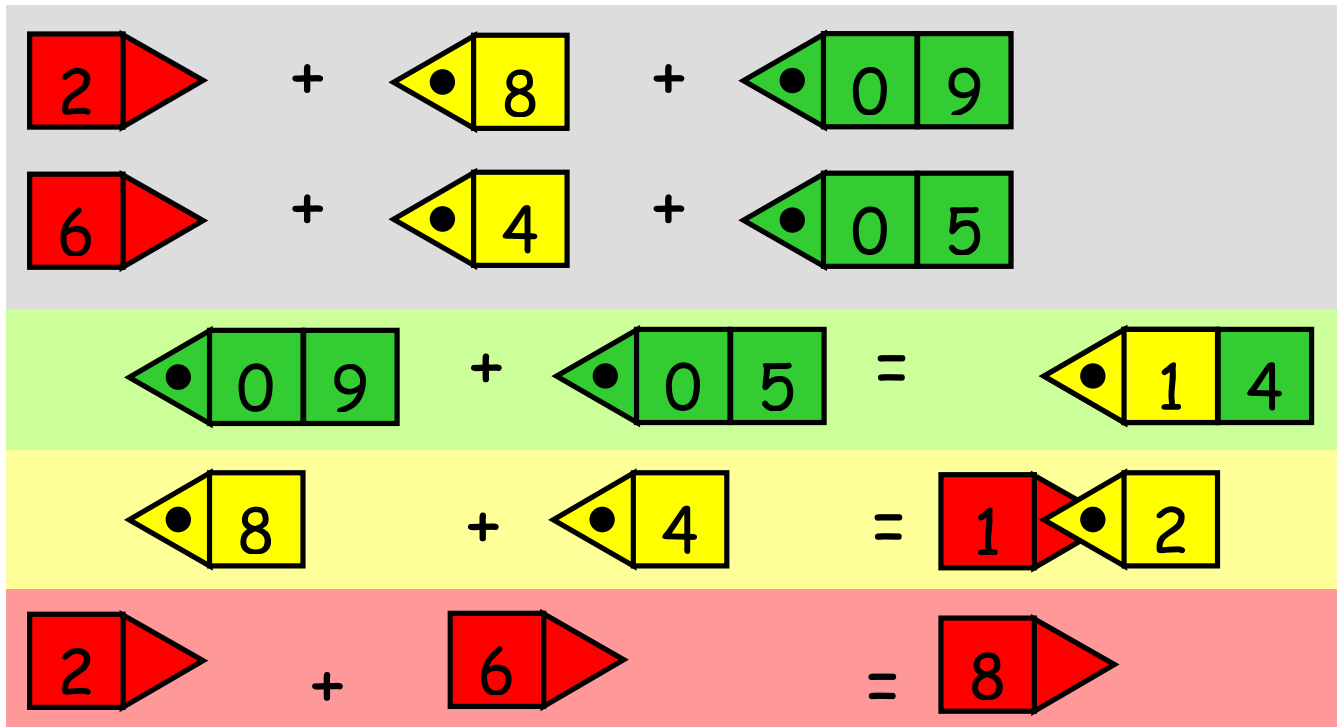
$6.45 + 2.89 = 9.34$

$9.34 - 6.45 = 2.89$

$9.34 - 2.89 = 6.45$

$$2.89 + 6.45$$

$$\begin{array}{r}
 2.89 \\
 + 6.45 \\
 \hline
 .14 \\
 1.20 \\
 8.00 \\
 \hline
 9.34 \\
 \hline
 \end{array}$$



$2.89 + 6.45 = 9.34$	$6.45 + 2.89 = 9.34$
$9.34 - 6.45 = 2.89$	$9.34 - 2.89 = 6.45$

2.89 + 6.45

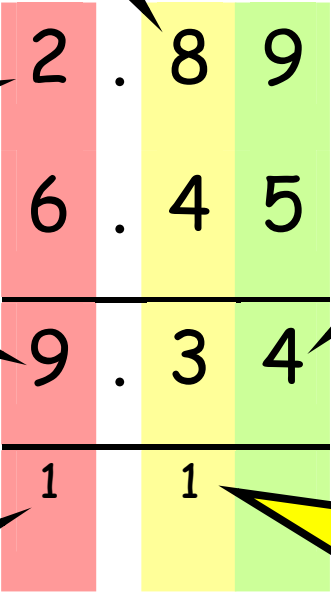
3a

0.8 adio 0.4 yw 1.2.
1.2 adio'r 0.1 wedi
ei 'gario' yw 1.3

1

0.09 adio 0.05
yw 0.14

2 adio 6 yw 8.
8 adio'r 1 wedi ei
'gario' yw 9



2a

0.04 o'r 0.14

4

2b

0.1 wedi ei
'gario' o'r 0.14

3b

1 wedi ei
'gario' o'r 1.3

$2.89 + 6.45 = 9.34$	$6.45 + 2.89 = 9.34$
$9.34 - 6.45 = 2.89$	$9.34 - 2.89 = 6.45$