Colin and Coco's Daily Maths Workout

Workout 2.6

Addition and Subtraction: Using Facts

Addition and Subtraction Workout

$2 + 3 + 4 =$ ☐ $5 + 3 + 4 =$ ☐ $8 + 5 + 7 =$ ☐

$4 + 1 + 5 =$ ☐ $6 + 3 + 4 =$ ☐ $8 + 6 + 9 =$ ☐

$5 + 1 + 3 =$ ☐ $3 + 7 + 6 =$ ☐ $9 + 7 + 8 =$ ☐

Addition and Subtraction Workout

$13 + 6 =$ ☐ $16 + 7 =$ ☐ $8 + 17 =$ ☐

$22 + 7 =$ ☐ $35 + 8 =$ ☐   ☐ $= 29 + 8$

$41 + 5 =$ ☐ $46 + 9 =$ ☐ $7 + 48 =$ ☐

Addition and Subtraction Workout

$15 - 7 =$ ☐ $23 - 8 =$ ☐ $37 - 8 =$ ☐

$13 - 8 =$ ☐ $32 - 6 =$ ☐   ☐ $= 42 - 7$

$17 - 9 =$ ☐ $46 - 8 =$ ☐ $54 - 9 =$ ☐

Number Facts (Making 10s) Game

You need:
1 - 9 cards (at the end of this pack.)
Counters or colours
Number Facts (Making 10s) Board (on the next page.)

To play:
Shuffle the cards and place them face down on the table.
Every time it is your turn you turn over 2 cards and make a 2-digit number. You can choose which one represents the tens and which represents the ones.

Work out how many you need to make the next multiple of ten and cover that number somewhere on the board.

I have 3 and 5 so could make thrity five or fifty three.
If I make 35 then I would cover a 5 because 35 + 5 = 40 (40 is the next multiple of ten.)

If I make 53 then I would cover a 7 because 53 + 7 = 60 (60 is the next multiple of ten.)

To win:
The winner is the first player to get 5 in a line, horizontally, vertically or diagonally.

Number Facts (Making 10s) Board

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

Missing Number Workout

Put digits in the empty boxes to complete the calculations.
Complete each one in several different ways.
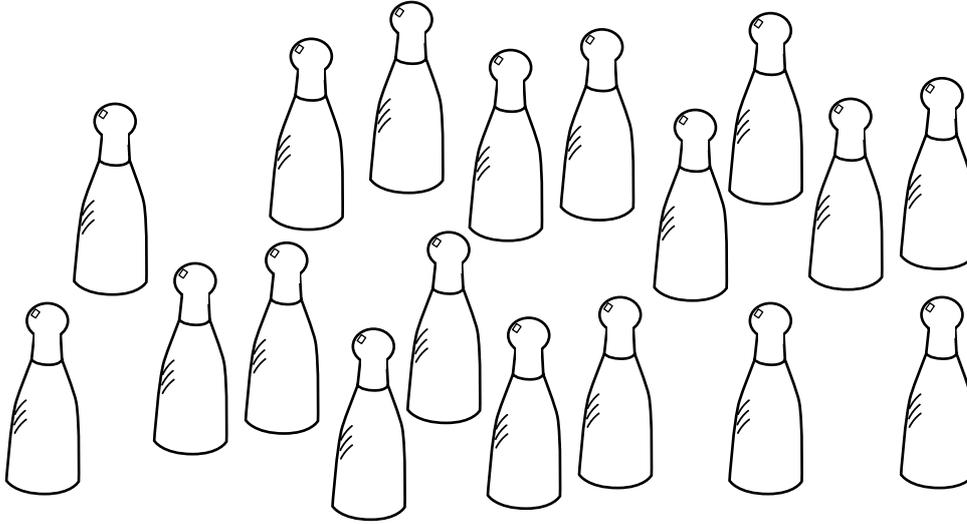
□ + 8 + □ = 2□

□7 + □ = □3

8□ - 9 = 7□

Now complete all the calculations together using the digits
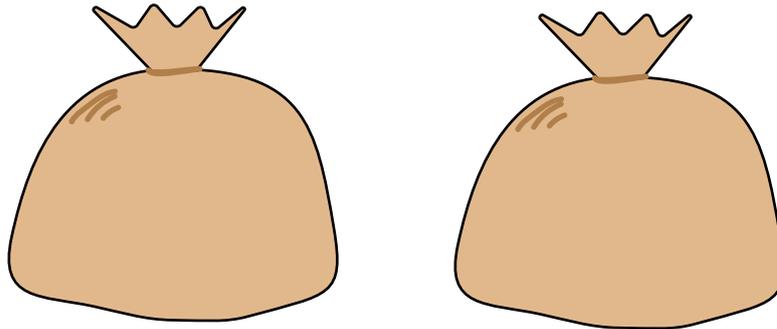0, 1, 2, 3, 4, 5, 6 and 7 once each.
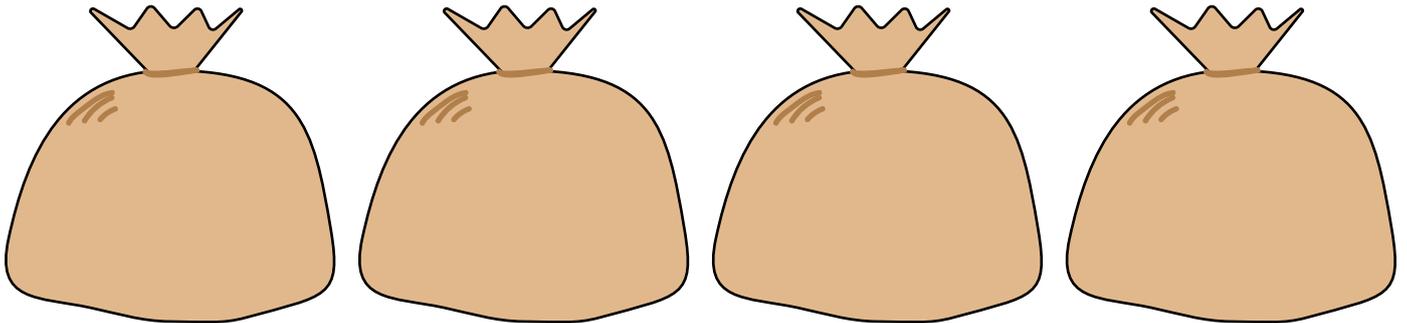
Skittles Challenge

Colin is packing 18 skittles into bags.
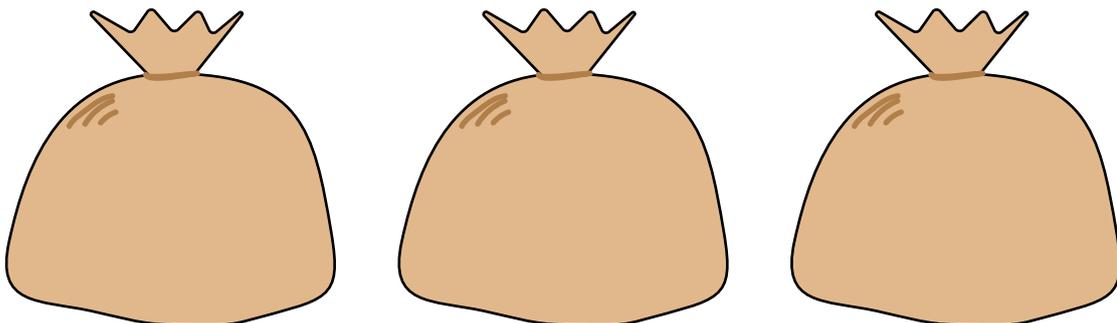Pack all the skittle each time.

Pack two bags so that one has twice as many skittles as the other.

Pack four bags so that each one has five or three skittles in it.

Pack three bags so that each one holds one less than the one before.

Word Problem Workout

Be careful - they are not all addition problems!

Colin is trying to score 18 by knocking down three skittles.
He knocks down 3 and 6.
What does he need to knock down next?

Coco has 20 crackers in a pack.
Colin and Coco ate the same number of crackers each for breakfast.
After breakfast there are 4 crackers left.
How many crackers did Colin eat?

There are 24 grapes on a bunch.
Colin eats 7 grapes.
How many grapes are left?

Colin builds a model using yellow, blue and red bricks. He uses 62 bricks in total.
He uses 23 red bricks.
He uses 30 blue bricks.
How many yellow bricks does Colin use in his model?

Coco has three bags of skittles. There are 9 skittles in one bag and 7 in each of
the other two bags.
How many skittles does Coco have in altogether?

Create your own problems for adding three single digit numbers.

Who am I?
Workout

Use the clues to work out Colin's mystery number.

You may want to cross numbers off on the 100 grid as you consider each clue.

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

1) I am even
2) I am more than 50
3) I have two digits
4) I am less than 90
5) I am not in the 10 times table
6) Both my digits are even

7) If you count in 5s from zero, you will not say me
8) The sum of my digits is more than 12
9) My digits are not equal
10) If I write my number using words, I use an odd number of letters

Colin's mystery number is [ ]

Create your own 'Who am I?' puzzle

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

Please share your puzzle with Colin @MathsCanDo