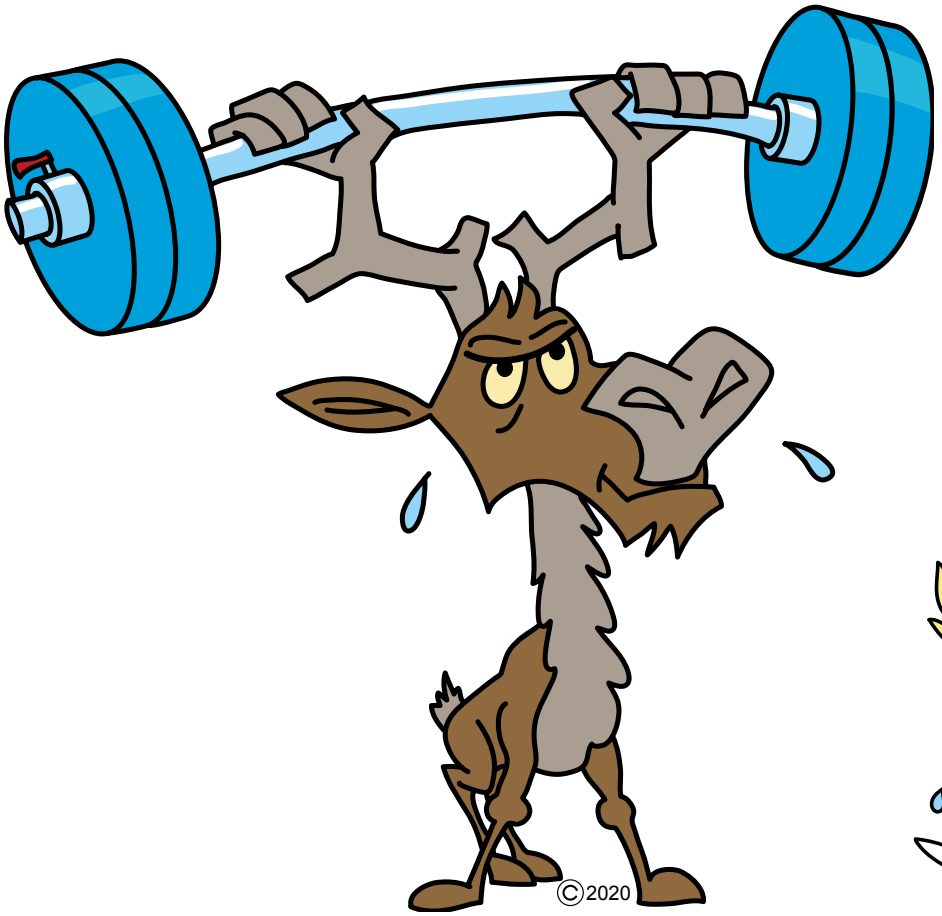
Colin and Coco's Daily Maths Workout

Workout 1.6

Addition and Subtraction Facts 6, 7 and 8



Addition and Subtraction Workout

Workout A

2 + 4 = ☐ 5 + 2 = ☐ 3 + 5 = ☐ 5 + 1 = ☐

1 + 5 = ☐ 3 + 4 = ☐ 6 + 2 = ☐ ☐ = 6 + 2

3 + 3 = ☐ 1 + 6 = ☐ 4 + 4 = ☐ 4 + 3 = ☐

0 + 6 = ☐ 7 + 0 = ☐ 1 + 7 = ☐ 5 + 3 = ☐

Addition and Subtraction Workout

Workout B

7 − 2 = ☐ 7 − 3 = ☐ 7 − 6 = ☐ 7 − 1 = ☐

6 − 3 = ☐ 6 − 4 = ☐ 6 − 2 = ☐ ☐ = 8 − 0

8 − 4 = ☐ 8 − 5 = ☐ 8 − 3 = ☐ 8 − 1 = ☐

7 − 5 = ☐ 7 − 3 = ☐ 7 − 4 = ☐ 6 − 0 = ☐

Addition and Subtraction Workout

Workout C

2 + ☐ = 7 6 + ☐ = 8 1 + ☐ = 8 5 + ☐ = 6

☐ + 4 = 6 ☐ + 3 = 6 ☐ + 2 = 6 ☐ = 3 + 4

3 + ☐ = 8 0 + ☐ = 7 8 = ☐ + 1 5 + ☐ = 8

7 = ☐ + 6 8 = ☐ + 2 0 + ☐ = 7 8 = ☐ + 4

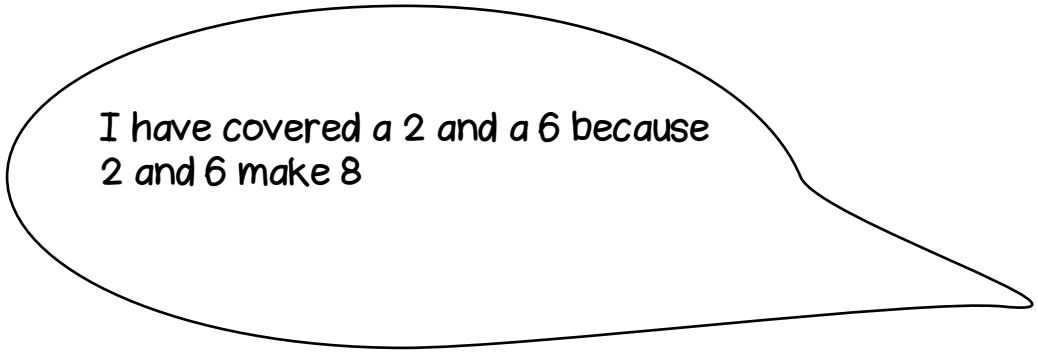
Number Facts (6, 7, 8) Game

Workout D

You need:
Counters or colours
Number Facts (6, 7, 8) Board (on the next page.)

To play:
Every time it is your turn you cover (or colour) two numbers on the board.
One of your numbers plus the other number must make a total of 6, 7 or 8.
Say your number fact aloud.

The two numbers you cover do not need to be next to each other on the board.



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

Number Facts (6, 7, 8) Board

1	5	4	3	1	5	6	0	3	5
2	4	2	6	0	4	5	2	1	4
7	5	3	5	7	3	7	1	3	2
8	4	2	1	3	4	2	6	5	3
1	3	0	4	5	8	0	4	2	6
4	0	5	7	3	5	3	2	3	5
2	3	6	3	4	6	1	0	4	6
3	4	2	7	8	4	2	6	5	4
0	5	3	4	2	5	0	1	2	8
8	6	0	1	3	7	3	4	6	2

Missing Number Workout

Workout E

Put digits in the empty boxes to complete the calculations.
Complete each one in several different ways.

□ + □ = 8

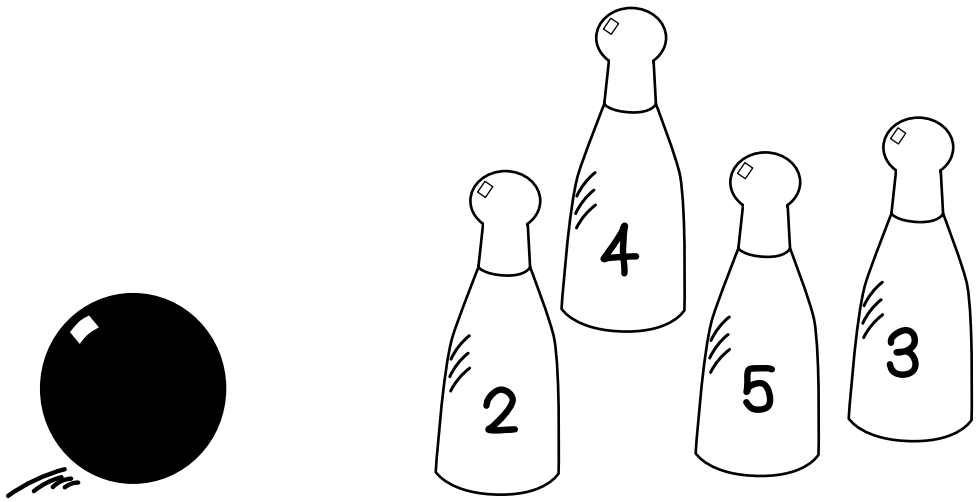
□ = 7 - □

6 = □ + □

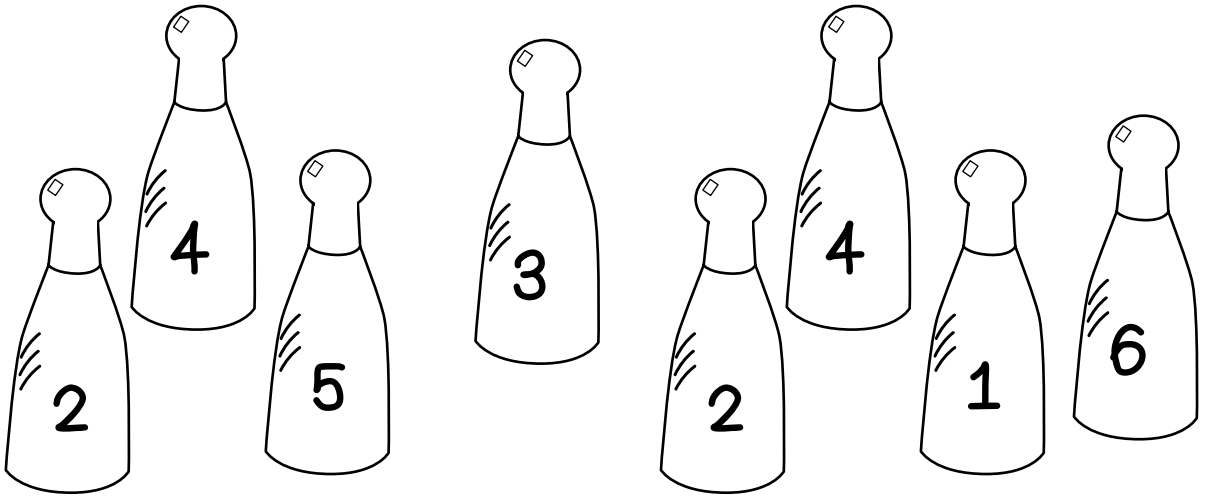
Now complete all the calculations together using the digits
1, 2, 3, 4, 5 and 6 once each.

Skittles Challenge

Which skittles must Colin knock down to score exactly 7?



Find two different ways to score 7.
If Colin knocks down 2 skittles, what could his score be?



Which skittles could Coco knock down to score exactly 8?

Word Problem Workout

Workout G

Be careful - they are not all addition problems!

Colin is trying to score 7 by knocking down skittles.
He knocks down a 3.
What does he need to knock down next?

Coco has 7 crackers in a pack.
After breakfast there are 5 crackers left.
How many crackers did she eat?

Colin has 8 grapes.
He eats 5 grapes.
How many grapes are left?

Colin has 6 blue bricks.
He has 2 red bricks.
How many bricks does Colin have in total?

Coco has 6 balloons.
Colin has 4 balloons.
How many more balloons does Coco have than Colin?

Create your own problems for the number facts of 6, 7 and 8

Workout H

Who am I?
Workout

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

You may want to cross numbers out 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 less than 60
2) I am between 15 and 40
3) My digits are not equal
4) The sum of the digits is less than 8
5) The ones digit is greater than the tens digit
6) If you count in 2s from zero you will not say me
7) If you count in 5s from zero you will say me

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