



Colin and Coco's Daily Maths Workout

Workout 1.6

Answers

Addition and Subtraction Facts
6, 7 and 8





Addition and Subtraction Workout

Workout A

$2 + 4 = \boxed{6} \quad 5 + 2 = \boxed{7} \quad 3 + 5 = \boxed{8} \quad 5 + 1 = \boxed{6}$

$1 + 5 = \boxed{6} \quad 3 + 4 = \boxed{7} \quad 6 + 2 = \boxed{8} \quad \boxed{8} = 6 + 2$

$3 + 3 = \boxed{6} \quad 1 + 6 = \boxed{7} \quad 4 + 4 = \boxed{8} \quad 4 + 3 = \boxed{7}$

$0 + 6 = \boxed{6} \quad 7 + 0 = \boxed{7} \quad 1 + 7 = \boxed{8} \quad 5 + 3 = \boxed{8}$

Addition and Subtraction Workout

Workout B

$7 - 2 = \boxed{5} \quad 7 - 3 = \boxed{4} \quad 7 - 6 = \boxed{1} \quad 7 - 1 = \boxed{6}$

$6 - 3 = \boxed{3} \quad 6 - 4 = \boxed{2} \quad 6 - 2 = \boxed{4} \quad \boxed{8} = 8 - 0$

$8 - 4 = \boxed{4} \quad 8 - 5 = \boxed{3} \quad 8 - 3 = \boxed{5} \quad 8 - 1 = \boxed{7}$

$7 - 5 = \boxed{2} \quad 7 - 3 = \boxed{4} \quad 7 - 4 = \boxed{3} \quad 6 - 0 = \boxed{6}$

Addition and Subtraction Workout

Workout C

$2 + \boxed{5} = 7 \quad 6 + \boxed{2} = 8 \quad 1 + \boxed{7} = 8 \quad 5 + \boxed{1} = 6$

$\boxed{2} + 4 = 6 \quad \boxed{3} + 3 = 6 \quad \boxed{4} + 2 = 6 \quad \boxed{7} = 3 + 4$

$3 + \boxed{5} = 8 \quad 0 + \boxed{7} = 7 \quad 8 = \boxed{7} + 1 \quad 5 + \boxed{3} = 8$

$7 = \boxed{1} + 6 \quad 8 = \boxed{6} + 2 \quad 0 + \boxed{7} = 7 \quad 8 = \boxed{4} + 4$



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.

I have covered a 2 and a 6 because
2 and 6 make 8

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.

Possible
Solution

$$\boxed{3} + \boxed{5} = 8$$

$$\boxed{1} = 7 - \boxed{6}$$

$$6 = \boxed{4} + \boxed{2}$$

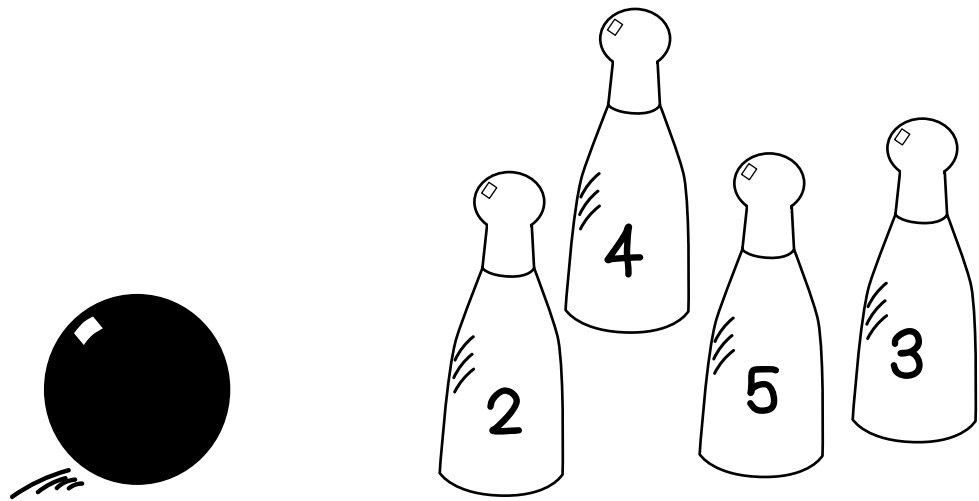
Now complete all the calculations together using the digits
1, 2, 3, 4, 5 and 6 once each.



Skittles Challenge

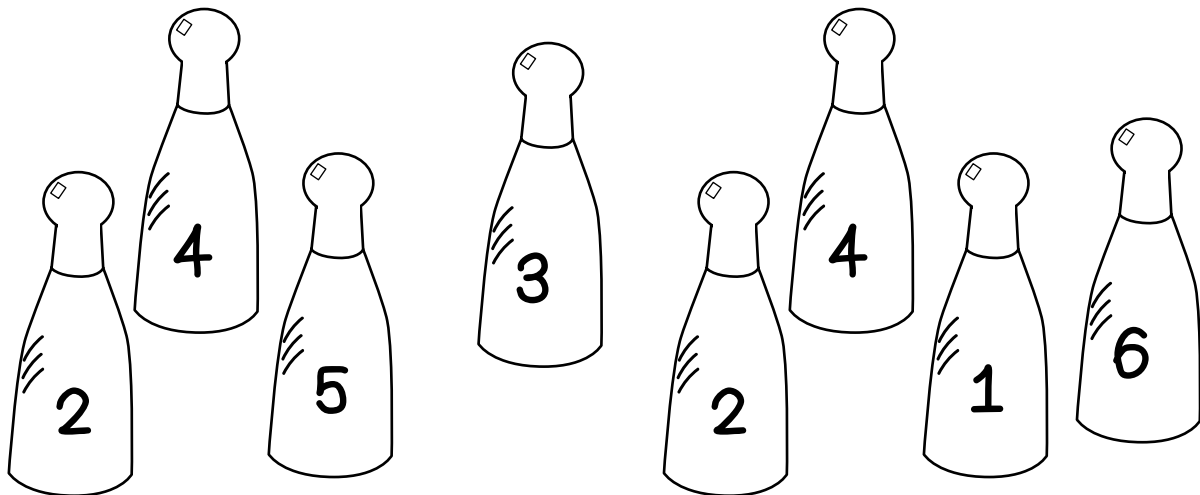
Workout F

Which skittles must Colin knock down to score exactly 7?



Find two different ways to score 7. $5 + 2, 4 + 3$
If Colin knocks down 2 skittles, what could his score be?

$4 + 2 = 6, 4 + 3 = 7, 4 + 5 = 9, 2 + 3 = 5, 2 + 5 = 7, 3 + 5 = 8$



Which skittles could Coco knock down to score exactly 8?

$6 + 2$
 $5 + 3$
 $5 + 2 + 1$
 $4 + 4$
 $4 + 3 + 1$

$4 + 2 + 2$
 $3 + 2 + 2 + 1$



Word Problem Workout

Be careful - they are not all addition problems!

Workout G

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

4

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

2

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

3

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

8

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

2

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



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

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- 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