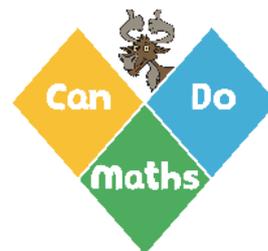# Colin and Coco's Daily Maths Workout

Workout 4.1

Answers

Multiplication

Multiplication Workout

You may need jottings to work these out on another piece of paper.

$40 \times 9 =$ 360 $60 \times 5 =$ 300 $60 \times 12 =$ 720

$80 \times 9 =$ 720 $30 \times 8 =$ 240 $12 \times 70 =$ 840

$30 \times 6 =$ 180 $60 \times 9 =$ 540 $8 \times 60 =$ 480

$70 \times 6 =$ 420 $40 \times 7 =$ 280 $90 \times 12 =$ 1080

Multiplication Workout

You may need to work these out on another piece of paper.

84 $= 6 \times 14$ 126 $= 7 \times 18$ 342 $= 6 \times 57$

161 $= 7 \times 23$ 216 $= 9 \times 24$ 252 $= 7 \times 36$

144 $= 9 \times 16$ 204 $= 6 \times 34$ 414 $= 9 \times 46$

150 $= 6 \times 25$ 294 $= 7 \times 42$ 273 $= 7 \times 39$

Multiplication Workout

You may need to work these out on another piece of paper.

$124 \times 3 =$ 372 $8 \times 312 =$ 2496 $476 \times 9 =$ 4284

$324 \times 4 =$ 1296 $3 \times 243 =$ 729 $394 \times 6 =$ 2364

$231 \times 6 =$ 1386 $6 \times 241 =$ 1446 $837 \times 7 =$ 5859

$134 \times 7 =$ 938 $7 \times 152 =$ 1064 $386 \times 8 =$ 3088

Join Up - A Multiplication Game

You need:
Counters (or you could colour the squares instead of putting counters on them if you like.)
Products of 7 Board

To play:
Every time it is your turn you cover two numbers on the board.
One of your numbers multiplied by 7 must equal your other number.

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

e.g. You could choose to cover a 5 and a 35 because 5 x 7 = 35

or you could choose to cover a 8 and a 56 because 8 x 7 = 56 and so on.

To win:
The winner is the first player to cover five numbers in a line, horizontally, vertically or diagonally.

Missing Number Workout

Solve each calculation in at least two ways.

Possible Solutions

8	0	×	6	= 480
6	0		8	

9	0	×	6	= 540
6	0		9	

4	0	×	9	= 360
9	0		4	

3	0	×	8	= 240
8	0		3	

Coco is multiplying a three-digit number by a one-digit number.
The answer is 756.
Find at least three different ways.

Possible Solutions

$$3\ 7\ 8 \times 2 = 756$$

$$1\ 8\ 9 \times 4 = 756$$

$$2\ 5\ 2 \times 3 = 756$$

Treats Challenge

Chocolate buttons cost 60p and packets of Crisp Hoopos cost 70p.

Alec spends £12 on treats and buys twice as many packets of Crisp Hoopos as chocolate buttons.
How many of each did he buy? **12 Hoopos and 6 Buttons**

If he spent £7.50 and bought three times as many packets of chocolate buttons as packets of Crisp Hoopos, how many of each did he buy?
3 Hoopos and 9 Buttons

NEW Hoopos

The prices go up!

Chocolate buttons cost 80p and packets of Crisp Hoopos cost 90p.

Jim spends £10.40 on treats and buys twice as many packets of Crisp Hoopos as chocolate buttons.
How many of each did he buy? **8 Hoopos and 4 Buttons**

If he spent £13.20 and bought three times as many packets of chocolate buttons as packets of Crisp Hoopos, how many of each did he buy?
4 Hoopos and 12 Buttons

Word Problem Workout

Be careful - they are not all multiplication problems!

Colin is planting bulbs.
He plants 36 bulbs in each pot. There are 7 pots.
How many bulbs does he plant in total? 252

Colin has taken up jogging.
He jogs 235km each month.
How far will he have jogged in 6 months? 1410

Colin loves apples.
Each crate has 135 apples in it.
How many apples are there in 9 crates? 1215

Coco has earned £486.
Coco has earned three times as much as Colin.
How much has Colin earned? £1458

Coco loves crackers. She buys 6 packs of crackers.
There are 24 crackers in each pack.
She eats 12 crackers.
How many crackers does she have left? 132

Create your own problems for 124 × 6

1 - 20 Workout

Using the digits from today's date create all the numbers from 1 - 20. You can use any or all of the four operations. You must use all the digits every time.

Example: 27/3/20 (27th March)

1	11
2	12
3	13 $7 \times 2 = 14$ $3 - 2 - 0 = 1$ $14 - 1 = 13$
4 $7 + 2 - 3 - 2 - 0 = 4$	14
5	15
6 $7 + 3 - 2 - 2 - 0 = 6$	16
7	17
8	18
9 $7 \times 2 - 3 - 2 - 0 = 9$	19
10	20