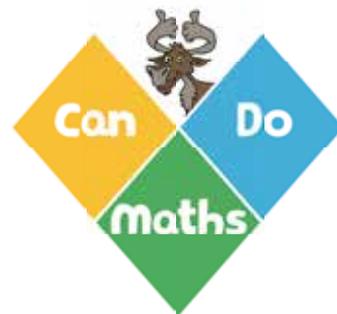




Colin and Coco's Daily Maths Workout



Workout 5.8

Keep-uppI (Term 1)



Introducing **KeepPuppI**
the **CanDo KerryBlue**

KPIs for Term 1

Read and write numbers up to 1,000,000

Compare and order numbers up to 1,000,000

Compare and order decimals with up to 3 decimal places

Round numbers to 1 decimal place, nearest whole number
and 10, 100, 1000, 10000

Count forwards and backwards with positive and negative numbers



Number Workout

Workout A

Compare the numbers using $<$, $>$ or $=$

42,793 33,168

700,070 700,700

121,786 83,739

303,030 330,003

444,411 441,414

99,999 876,543

500,411 51,797

123,456 98,765

Order the decimals by matching the numbers with the order

3.142

1st

Largest

3.12

2nd

3.1

3rd

3.124

4th

3.4

5th

3.41

6th

Smallest

Workout B

Rounding Workout

Round to the nearest whole number

8.7

8.76

4.78

0.78

1.02

Round to 1 decimal place

8.73

8.76

4.28

0.48

0.94

Round 45,368 to the nearest ...

10

100

1,000

10,000

Workout C

Negative numbers Workout

Start at 3 and count

4 steps backwards

6 steps backwards

3 steps backwards

4 steps forwards

Start at -3 and count

4 steps forwards

2 steps backwards

3 steps forwards

6 steps forwards

Start at -1 and count

9 steps backwards

9 steps forwards

11 steps forwards

11 steps backwards



Comparing Numbers

Workout D

You need:

Comparing Numbers Game templates (see below for Game A and Game B)

Two sets of cards 0 - 9 (print off the cards at the back of the pack.)

To play:

Players start with 3 points each.

Shuffle the two sets of cards together. Put the cards in a deck face down. Take it in turns to pick a card and place the digit in one of the boxes. Keep repeating.

The statement must remain true.

The first player to be unable to place their digit loses a point.

To win:

When a player loses all their points, the other player wins.

Game A

$$\square \square, \square \square \square < \square \square, \square \square \square$$

Game B

$$\square \square \square, \square \square \square > \square \square \square, \square \square \square$$



Missing Number Workout

Workout E

Put digits in the empty boxes so that the statements are correct
Complete them in several different ways, where possible.

$$2 . \square \square < 2 . \square$$

$$3 . \square 2 > 3 . 4 \square \square$$

$$\square . 3 \square < 1 . \square \square$$

Are there any boxes that it is impossible to put a 7 in? Why?

Are there any boxes that could have any of the digits in them?

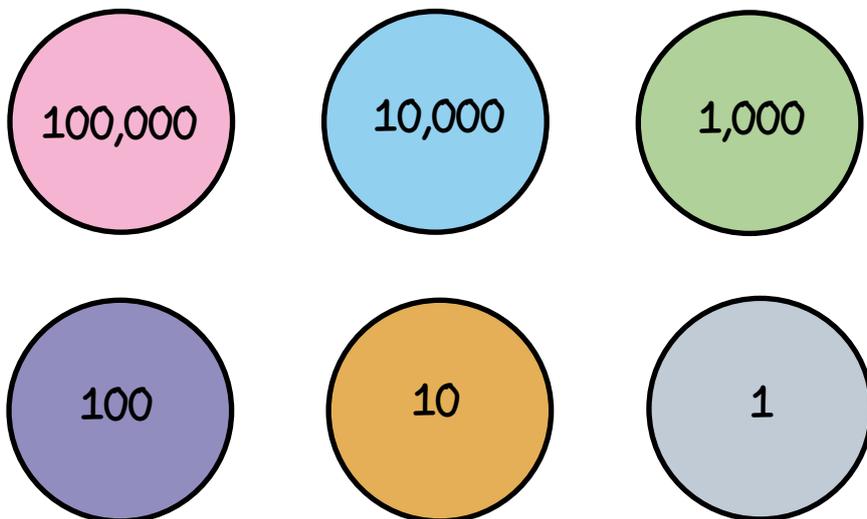
Now complete it using the digits 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9
once each.



Investigating Thousands

Workout F

Use 9 Place Value Counters to create different 6-digit numbers. You are only allowed to use a maximum of two counters with the same value in each number.



Write each number using words and numerals.

Investigate the range of numbers possible.



Word Problem Workout

Workout G

1. The temperature in Manchester is 1°C .
It is 4°C colder in Birmingham.
What is the temperature in Birmingham?

2. The temperature in Berlin is -4°C .
It is 6°C warmer in Paris.
What is the temperature in Paris?

3. The temperature in London is 8°C warmer than the temperature in Moscow.
It is -4°C in Moscow.
What is the temperature in London?

4. Colin is staying in a hotel.
His room is on the fourth floor.
He gets in the lift and goes down 3 floors to meet Coco.
a) What floor is he now on?

They now go down 3 more floors.
b) What floor are they now on?
c) How many floors does Colin have to travel to get back to his room?

5. The temperature in Leeds is at least 2 degrees warmer than the temperature in Manchester.
It is at least 2 degrees colder than the temperature in Brighton.
If the temperature in Manchester is -4°C and the temperature in Brighton is 1°C , what are the possible temperatures in Leeds?

Create your own word problems involving counting forwards and backwards with negative numbers.



Matching Workout

Match the numbers.
Fill in the missing buddies.

Twenty thousand, four hundred		40,200
Forty thousand, two hundred		24,004
Forty-two thousand and two		42,024
Twenty-four thousand and four		
Forty thousand, two hundred and four		42,002
		20,400
Forty-four thousand, four hundred and four		40,204

Create your own Matching Workout for reading and writing numbers up to 1 million.

Match the numbers with the correct rounding.
Fill in the missing buddies.

Round 2.67 to 1 decimal place		
		2.6
Round 26.9 to the nearest whole number		20
Round 2.57 to one decimal place		30
Round 2.76 to 1 decimal place		27
Round 27 to the nearest 10		2.7
Round 27.5 to the nearest whole number		2.8

Create your own Matching Workouts



Cards for the Games

1

2

3

4

5

6

7

8

9

0