Colin and Coco's Daily Maths Workout

Workout 2.8   Answers

KeeP-uppI (Term 1)

Introducing KeePuppI
the CanDo KerryBlue

KPIs for Term 1 (Part 1)
Read and write 2-digit numbers
Compare and order numbers up to 100
Find 10 more or less of a 2-digit number
Recall and use addition facts to 10
Add two 2-digit numbers
Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces

Place Value Workout

What are the numbers?

tens	ones	
/	: :	14
/ /	•	21
/ / / / / /	• • • • •	65

tens	ones	
/ / /		30
/ /	• • • •	25
/ / / / /	• •	52

Draw the numbers.

	tens	ones
fifteen	/	• • • • •
twenty-four	/ /	• • • •
thirty-one	/ / /	•

Place Value Workout

Insert < or >

7 (<) 12   32 (<) 62

13 (>) 9   93 (>) 73

8 (<) 18   30 (>) 29

15 (>) 14   15 (<) 50

Put each set of numbers in order from smallest to largest.

30, 39, 29	29, 30, 39
41, 40, 14	14, 40, 41
99, 80, 90	80, 90, 99
73, 37, 70	37, 70, 73

Place Value Workout

Read these numbers and write using words.

29	twenty-nine
40	forty
15	fifteen
37	thirty-seven

Read these numbers and write using numerals.

thirteen	13
fifty-six	56
eighty	80
ninety-one	91

10 More or Less Game

You need:
100 Board (on the next page.)
Two sets of cards 0 - 9 (Use playing cards or print off the cards at the back of the pack.)
Counters or coloured pencils for each player.

To play:
Shuffle the two sets of cards together.
Put the cards in a deck face down.
Take it in turns to turn over two cards, to make a two-digit number. The first one is the tens digit, the second one is the ones digit.
(Once you have played this a few times, allow players to choose which digit represents the tens and which represents the ones.)
Choose whether to find 10 more or 10 less than your number and cover the answer on the board.

I have turned over a 3 and a 7
If I have 3 tens and 7 ones the number is thirty-seven.
I will find ten more than 37
I will cover 47 on the board.

Place the cards in a discard pile, then it is the next player's turn.

If all the cards have been used, shuffle them and continue playing.

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

10 More or Less Game Board

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

Missing Number Workout

Put digits in the empty boxes so that the calculations are correct.

Complete them in several different ways.

$$\boxed{4}\,6 = \boxed{1}\,\boxed{6} + 3\,\boxed{0}$$

$$7\,\boxed{7} = \boxed{2}\,7 + \boxed{5}\,0$$

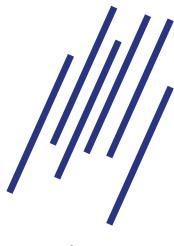$$\boxed{9}\,8 = 6\,\boxed{8} + \boxed{3}\,0$$

Are there any boxes that it is impossible to put a 3 in? Why? What about other impossible digits?

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.

Tens and Ones Challenge

Colin and Coco are playing a tens and ones challenge.
They have a pile of six tens and a pile of six ones.

Pile of six tens   Pile of six ones

Colin chooses four pieces and makes a number.

Coco has to pick five pieces from the pieces that are left to make a number smaller than Colin's number.

List several possible pairs of numbers that Colin and Coco could make.

Are there times that it is impossible for Coco to make a smalller number?

Colin makes 40, Coco makes 23 or 14
Colin makes 31, Coco makes 23 or 14 or 5
Colin makes 22, Coco makes 14
Colin makes 13, Coco cannot make a smaller number
Colin makes 4, Coco cannot make a smaller number

Word Problem Workout

1. Pencils are sold in packs of ten, or in ones.
   A teacher buys seventy six pens.
   How many packs of ten and how many loose pens does he buy?

   7 tens and 6 ones (or 6 tens and 16 loose pens etc.)

2. Coco's crackers have ten in a pack.
   She has six full packs. She eats 3 crackers.
   How many crackers does she have left?

   57

3. Colin collects 43 superhero stickers.
   Coco collects ten more superhero stickers than Colin.
   How many stickers does Coco have?

   53

4. A shop has 39 packets of crisps. They sell ten packets of crisps.
   How many packets of crisps are left?

   29

5. Coco has 89p. Colin has 90p. KeePuppI has 80p.
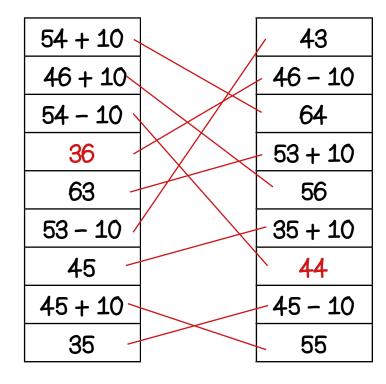   Who has the most money?

   Colin.

Create your own problems comparing two 2-digit numbers.

Matching Workout

Match questions to correct answers or to other questions with the same answer. Fill in the missing numbers.

Possible solution

54 + 10	43
46 + 10	46 – 10
54 – 10	64
36	53 + 10
63	56
53 – 10	35 + 10
45	44
45 + 10	45 – 10
35	55

Match numbers, so the first number is ten less than the middle number, and the last number is ten more than the middle number. Fill in the missing numbers.

10 less ← → 10 more

34	18	40
21	56	63
8	44	28
46	30	41
43	91	54
20	31	101
81	25	66
15	53	35

Create your own Matching Workout'.

Cards for the Games

1 2 3

4 5 6

7 8 9

0