DR BAKER'S YEAR 5 MATHS WEDNESDAY 13TH MAY

WELCOME

Good Morning. Here are the answers to yesterday's times tables. How did you get on? If you have been practising on Rockstars you should be getting better at these.

$3 \times 4 = 12$

$5 \times 3 = 15$

$3 \times 12 = 36$

$6 \times 3 = 18$

$8 \times 6 = 48$

$3 \times 9 = 27$

$6 \times 8 = 48$

$7 \times 3 = 21$

$1 \times 11 = 11$

$12 \times 9 = 108$

$3 \times 11 = 33$

$8 \times 2 = 16$

$5 \times 11 = 55$

$8 \times 10 = 80$

$11 \times 12 = 132$

$2 \times 8 = 16$

$6 \times 5 = 30$

$11 \times 11 = 121$

$11 \times 8 = 88$

$3 \times 5 = 15$

TASKS FOR TODAY

L.O. To practise addition and subtraction.

Today we are going to do a mix of addition and subtraction calculations. When we switch between adding and subtracting we have a tendency to do the wrong operation, either doing the one we are most familiar with or the one we did last. So today when you are working on these questions be very careful that you are doing the right operation. When you have finished the calculation check the sign again and using estimating and checking to see if you think you are right before marking it. Again most of you should be starting on Set B or C. A is only for people who are really struggling.

But first a quick warm up. On the next slide decide which questions require you to add and which to subtract.

ADD OR SUBTRACT ?

We know picking the right operation is half way to solving the problem so decide which of these questions require you to add and which subtract. You don't have to answer the questions.

1. Two trees are growing in a forest. One is 6m high and the other is 3m high. How much higher is the first tree than the second?

2. I have 1kg of flour left in my cupboard. If I make a cake using 300g of flour how much will I have left?

3. I need 40 pencils for the children in my classes. If I have 7 left from last year how many more do I need to buy?

4. At a football match there are 23000 home fans and 6000 away fans. How many fans are at the match altogether?

5. I need 40 cakes for a charity event. If I have 23 chocolate cakes and 15 Victoria sponge cakes do I have enough?

6. William wins a race in a time of 48 seconds. Len is in second place. If he is 3.5 seconds slower what is his time?

SET A

89 - 58	51 - 33	21 + 38	19 + 91
93 - 35	76 - 27	29 + 99	40 + 52
58 + 85	20 + 75	62 + 69	40 + 44
74 + 47	50 + 52	64 + 24	76 - 21
63 + 20	89 + 56	62 + 94	92 - 25
63 + 68	54 - 38	71 - 26	61 - 29

SET B

74113 + 91761	2009 + 50460	70050 - 54039	50842 + 25467
80524 - 65364	76464 + 70564	96478 - 24717	40117 - 35150
32172 + 43259	85816 + 56413	35666 + 87790	95144 + 10035
60910 - 28275	26705 - 11218	59603 - 33839	30742 + 81507
91041 - 52127	60658 + 72460	87377 - 47985	79283 - 19430
90125 - 16188	62307 - 21554	26794 + 73303	41659 - 19000

SET C

Here is a grid of four "boxes":

You must choose four **different** digits from $1 - 9$ and put one in each box. For example:

This gives four two-digit numbers:

52(reading along the 1st row)
19(reading along the 2nd row)
51(reading down the left hand column)
29(reading down the right hand column)

In this case their sum is 151.

SET C

Try a few examples of your own.
Is there a quick way to tell if the total is going to be even or odd?

Your challenge is to find four **different** digits that give four two-digit numbers which add to a total of 100.

How many ways can you find of doing it?

SET A ANSWERS

89 - 58 **31**	51 - 33 **18**	21 + 38 **59**	19 + 91 **110**
93 - 35 **58**	76 - 27 **49**	29 + 99 **128**	40 + 52 **92**
58 + 85 **143**	20 + 75 **95**	62 + 69 **131**	40 + 44 **84**
74 + 47 **121**	50 + 52 **102**	64 + 24 **88**	76 - 21 **55**
63 + 20 **83**	89 + 56 **145**	62 + 94 **156**	92 - 25 **67**
63 + 68 **131**	54 - 38 **16**	71 - 26 **45**	61 - 29 **32**

SET B ANSWERS

74113 + 91761 **165874**	2009 + 50460 **52469**	70050 - 54039 **16011**	50842 + 25467 **76309**
80524 - 65364 **15160**	76464 + 70564 **147028**	96478 - 24717 **71761**	40117 - 35150 **4967**
32172 + 43259 **75431**	85816 + 56413 **142229**	35666 + 87790 **123456**	95144 + 10035 **105179**
60910 - 28275 **32635**	26705 - 11218 **15487**	59603 - 33839 **25764**	30742 + 81507 **112249**
91041 - 52127 **38914**	60658 + 72460 **133118**	87377 - 47985 **39392**	79283 - 19430 **59853**
90125 - 16188 **73937**	62307 - 21554 **40753**	26794 + 73303 **100097**	41659 - 19000 **22659**

SET C ANSWERS

No answers for you today – just some hints. If possible send me your solutions.

Where could you start?
How do the four digits you chose contribute to the 0 in the ones column of the 100?
What can you say about the size of the digit in the top left cell?

REMEMBER:

- Talk to someone on your network hand if you are worried about something.

- If nobody is listening to your worries or there is nobody to talk to, you can google Childline or call them on 08001111. Adults at Childline are used to talking to children with worries and can help you.

- If you feel unsafe at home or are worried that a friend is not safe, call Mrs Patchett on 07787261064.