

DR BAKER'S YEAR 3 MATHS
THURSDAY 26TH MARCH



WELCOME TO DAY 4

“Morning. Did you get the answers to the problem questions yesterday? In the easier question the number in the question was 3 and in the answer was 7. In the harder one the number in the question was 2 and in the answer was 1. Today we will start off with times tables again.”

1. 5×9

2. 2×8

3. 10×11

4. 6×3

5. 4×8

6. 3×7

7. 7×8

8. 4×7

9. 12×2

10. 9×3

11. 7×10

12. 12×5

13. 8×6

14. 10×12

15. 3×3

TASKS FOR TODAY

A note about which work you should do:

There will often be two textbook references and some worksheets in the slides. This is because we didn't have enough textbooks for everyone so there are two different ones and some people don't have one at all. From now on I am going to call you Abacus Number people (if you have the Abacus Number book), Evolve people (if your books say Evolve on the top) or Worksheet People (if you don't have a book). You only need to do the work listed under your heading (sometimes this will include worksheets and sometimes not). If you want to try the Worksheet People's worksheets too you can but you really don't have to (and sometimes they might be too hard). Write all answers in the book you were given, I will never expect you to write on the sheet.

TASKS FOR TODAY

Abacus Number People

L.O Counting on and back in tens and ones

Number Textbook 1 Pages 23, 24 and 26. If these are really easy try Pages 27 and 29.

Evolve People

L.O. To use addition and subtraction in word problems

Textbook 2 Pages 51 and 55. Then try A or B off the sheet on the next page.

Worksheet People

L.O. To use mental subtraction methods

Do Set B and Set C off the next slide. If you are struggling do Set A and B instead (and if you feel keen you can do them all). Remember to read the examples. Don't use column method!

There's more than one way to subtract numbers in your head.
This page has got a few different methods for you to have a go at.

Examples

Work out the following in your head:

$$178 - 34$$

$$178 - 30 - 4$$

$$= 148 - 4 = \mathbf{144}$$

Partition the
number into
tens and ones.

$$146 - 29$$

$$146 - 30 + 1$$

$$= 116 + 1 = \mathbf{117}$$

Subtract a near
multiple of 10 first.

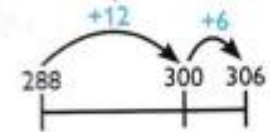
$$306 - 288$$

$$288 + 12 + 6 = 306$$

$$12 + 6 = \mathbf{18}$$

$$\text{So } 306 - 288 = \mathbf{18}.$$

Count up from the smaller
number to the bigger one.



Set A

Use partitioning to work out:

1 $147 - 35$

2 $265 - 43$

3 $468 - 47$

4 $370 - 150$

5 $560 - 240$

6 $402 - 201$

Use near multiples of 10 to work out:

7 $74 - 39$

8 $86 - 79$

9 $93 - 59$

10 $148 - 29$

11 $187 - 69$

12 $265 - 49$

Work these out by counting up:

13 $53 - 45$

14 $97 - 78$

15 $64 - 46$

16 $113 - 97$

17 $203 - 187$

18 $152 - 138$

Set B

Use partitioning to work out:

1 $480 - 230$

2 $730 - 520$

3 $578 - 304$

Work these out by counting up:

4 $105 - 82$

5 $118 - 95$

6 $207 - 196$

Use near multiples of 10 to work out:

7 $190 - 79$

8 $252 - 39$

9 $656 - 49$

Choose a method to work out:

10 $442 - 39$

11 $685 - 240$

12 $312 - 294$

Find the missing numbers:

13 $70 - 40 - \square = 22$

14 $264 - \square - 1 = 213$

15 $748 - 300 - \square = 428$

16 $480 - \square - 3 = 427$

17 $590 - 50 - \square = 537$

18 $346 - 100 - \square = 216$

19 $459 - \square - 40 = 119$

Set C

Use partitioning to work out:

- 1 $480 - 38$
- 2 $750 - 45$
- 3 $757 - 330$
- 4 $623 - 410$
- 5 $542 - 141$
- 6 $483 - 109$

Find the missing numbers:

- 7 $740 - 30 - \square = 702$
- 8 $856 - 300 - \square = 553$
- 9 $688 - \square - 40 = 248$
- 10 $563 - 100 - 40 - \square = 421$
- 11 $487 - 200 - \square = 227$
- 12 $934 - 400 - 50 - \square = 483$

Choose a method to work out:

- 13 $997 - 79$
- 14 $678 - 450$
- 15 $859 - 799$
- 16 $736 - 59$
- 17 $432 - 205$
- 18 $903 - 887$

ANSWERS FOR ABACUS NUMBER

Page 23

1. 489, 490, 491
2. 668, 669, 670
3. 291, 292, 293
4. 110, 111, 112,
5. 986, 987, 988
6. 848, 849, 850
7. 545, 546, 547
8. 166, 167, 168
9. 499, 500, 501
10. 330, 331, 332
11. 719, 720, 721
12. 198, 199, 200

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1. 397, 396, 395, 394, 393, 392
2. 252, 251, 250, 249, 248, 247
3. 812, 811, 810, 809, 808, 807, 806
4. 402, 401, 400, 399, 398
5. 105, 104, 103, 102, 101
6. 666, 665, 664, 663, 662

Page 26

1. 130, 160, 190, 200
2. 488, 468, 448, 428
3. 636, 656, 686, 696, 706
4. 313, 283, 273, 263
5. 109, 119, 129, 169, 179, 189, 199
6. 131, 141, 161, 171, 181, 191, 201, 211, 221
7. 689, 670, 671, 672, 673, 674
8. 192, 191, 190, 189, 188, 187
9. 402, 403, 404, 405, 406, 407
10. 806, 805, 804, 803, 802, 801
11. 992, 993, 994, 995, 996, 997

Page 27

1. 317, 337
2. 635, 655
3. 777, 797
4. 828, 848
5. 406, 426
6. 976, 996
7. 202, 222
8. 383, 403
9. 495, 415
10. 890, 910

11. 300, 600

12. 350, 550

13. 570, 770

14. 710, 910

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1. 227, 427
2. 455, 655
3. 118, 318
4. 799, 999
5. 505, 705
6. 210, 410
7. 847, 1047
8. 467, 667
9. 309, 509
10. 41, 241

ANSWERS FOR EVOLVE

Page 51

1. 82p 6. 63p

2. 72p 7. 50

3. 45p 8. 162

4. 51p

5. 32p

Page 55 6. 88p

1. 70p 7. 19

2. 79p 8.41p

3. 57p

4. 59p

5. 68p

Answers to the
worksheet are on
the next slide

ANSWERS FOR WORKSHEET

A		B		C	
	11. 118		11. 445		11. 60
1. 112	12. 216	1. 250	12. 18	1. 442	12. 1
2. 222	13. 8	2. 210	13. 8	2. 705	13. 918
3. 421	14. 19	3. 274	14. 50	3. 427	14. 228
4. 220	15. 18	4. 23	15. 20	4. 213	15. 60
5. 320	16. 16	5. 23	16. 50	5. 401	16. 677
6. 201	17. 16	6. 11	17. 3	6. 374	17. 227
7. 35	18. 14	7. 111	18. 30	7. 8	18. 16
8. 7		8. 213	19. 300	8. 3	
9. 34		9. 607		9. 400	
10. 119		10. 403		10. 2	

ANSWERS FOR MENTAL SUBTRACTION 3

A		B		C	
1. 300	11. 260	1. 200	11. 394	1. 170	11. 129
2. 400	12. 120	2. 300	12. 235	2. 450	12. 278
3. 0	13. 100	3. 80	13. 300	3. 10	13. 300
4. 400	14. 200	4. 150	14. 400	4. 170	14. 300
5. 100	15. 200	5. 360	15. 100	5. 338	15. 100
6. 400	16. 300	6. 130	16. 300	6. 215	16. 300
7. 150	17. 400	7. 72	17. 300	7. 84	17. 100
8. 390	18. 400	8. 326	18. 400	8. 171	18. 300
9. 540		9. 257		9. 392	
10. 210		10. 113		10. 227	