

**DR BAKER'S YEAR 5 MATHS**  
**WEDNESDAY 22<sup>ND</sup> APRIL**



# WELCOME

“Good Morning. The answers to the times tables are on the next slide so make sure you check them. Then see if you can remember these unit equivalences we were trying to learn. If you can’t, look them up or ask someone if they know what they are.

$$\underline{\quad} \text{ mm} = 1 \text{ cm}$$

$$\underline{\quad} \text{ cm} = 1 \text{ m}$$

$$\underline{\quad} \text{ m} = 1 \text{ km}$$

$$\underline{\quad} \text{ g} = 1 \text{ kg}$$

$$\underline{\quad} \text{ ml} = 1 \text{ l}$$

$$\underline{\quad} \text{ seconds} = 1 \text{ hour}$$

$$\underline{\quad} \text{ hours} = 1 \text{ day}$$

$$\underline{\quad} \text{ days} = 1 \text{ week}$$

$$\underline{\quad} \text{ days} = 1 \text{ year}$$

# TIMES TABLES ANSWERS

1.  $8 \times 11 = 88$

2.  $4 \times 3 = 12$

3.  $9 \times 8 = 72$

4.  $2 \times 7 = 14$

5.  $12 \times 11 = 132$

6.  $12 \times 9 = 108$

7.  $7 \times 7 = 49$

8.  $12 \times 6 = 72$

9.  $4 \times 9 = 36$

10.  $3 \times 7 = 21$

11.  $5 \times 8 = 40$

12.  $9 \times 12 = 108$

13.  $11 \times 6 = 66$

14.  $4 \times 7 = 28$

15.  $12 \times 2 = 24$

16.  $7 \times 11 = 77$

17.  $6 \times 8 = 48$

18.  $10 \times 9 = 90$

19.  $12 \times 7 = 84$

20.  $9 \times 3 = 27$

# TASKS FOR TODAY

L.O. To multiply (decimals).

Today we are going to do exactly the same as yesterday. If you need to work on the same section again do so. If you are ready to move on to the next section do that. And don't worry those of you who have finished Section C, I haven't forgotten you - I have added some more work for you at the end under Section D!

# TASKS FOR TODAY A

L.O. To multiply by one digit numbers.

If you need to practise 1 digit multiplication such as  $123 \times 7$

Those of you who **previously** used the grid method with me, the reminder is here:

<https://www.youtube.com/watch?v=4PcsEtlqei8>

The rest of us do short division so look at the first section of this link (until about 1 minute 30 seconds). Notice that we normally carry underneath not at the top:

<https://corbettmaths.com/2013/02/15/multiplication-traditional/>

Either way please do the questions in Number Textbook 2 Page 30.

If you are struggling with these, do some practise with your times tables on Rockstars.

# TASKS FOR TODAY B

L.O. To multiply by two digit numbers

If you need practise on sums such as  $23 \times 14$ .

You should recognise this from before although I know we still get stuck. Remember your zero! Have a look at this link,

<https://corbettmaths.com/2013/02/15/multiplication-traditional/>

from around 1 minute 30 seconds for a reminder of what to do. Notice we carry over at the bottom not the top. Would you find this method easier?

Then Number Textbook 2 Page 31.

# TASKS FOR TODAY C

## L.O. To multiply decimals

When we multiply decimals we first multiply as if they are whole numbers

e.g.  $3.4 \times 7$

Do  $34 \times 7 = 238$  (do this by your usual method for this type of sum, I would use mental or short division here)

Now look how many digits were after the decimal point in the original sum.

In 3.4 1 digit (4) was and in 7 none were so  $1 + 0 = 1$ .

Put the decimal point in the answer (238) so there is 1 number after the decimal point.

So the answer is 23.8. Now look at it to check it is the right size.

This link might make it slightly clearer. <https://www.mathsisfun.com/multiplying-decimals.html>

When you have got it try either Abacus Evolve Textbook 3 Page 17 or Number Textbook 2 Page 33. Ignore the method in the books and use the one I have explained.

# TASKS FOR TODAY D

L.O. To multiply decimals

Hopefully you mastered this yesterday so for further practise and to check you have the right idea about size do either Abacus Evolve Page18 or Number Textbook 2 Page 34 Q16-26 and Page 35 Q13-23.

Answers later.

Also here is a challenge for you inspired by a real life problem I have – the 8 on my computer keyboard has become faulty and only works sometimes. If it stops working altogether, how many of the numbers between 1 and 100 will I still be able to type? What about between 1 and 1000? Let me know. Thanks.



# ANSWERS TO A

Page 30

6. 2600

12. 860

1. 1281

7. 2436

13. 692

2. 384

8. 4218

14. 1304

3. 1260

9. 1057

15. 1648

4. 1270

10. 2144

16. 1268

5. 1332

11.  $142 \times 4 = 568$

17. 1136

# ANSWERS TO B

- |        |          |         |          |
|--------|----------|---------|----------|
| 1. 364 | 7. 486   | 13. 465 | 19. 1134 |
| 2. 544 | 8. 768   | 14. 588 | 20. 525  |
| 3. 325 | 9. 494   | 15. 374 |          |
| 4. 476 | 10. 1386 | 16. 385 |          |
| 5. 665 | 11. 1674 | 17. 456 |          |
| 6. 690 | 12. 414  | 18. 496 |          |

# ANSWERS TO C

<b>Abacus</b>	6. 34.2	14. 10.8kg
<b>Evolve</b>	7. 44.8	15. 26.6kg
<b>Page 17</b>	8. 75.2	16. 12.8kg
1. 32.2	9. 47.4	17. 16.8kg
2. 29.6	10. 46.8	18. 34kg
3. 25.8	11. 25.2	19. 39.2kg
4. 39.2	12. 45.6	20. 17.1kg
5. 34.2	13. 25.2kg	21. 29.7kg

Explore:  
Largest =  
60.8,  
smallest =  
46.8

<b>Number</b>	6. 11.4	14. 7.6
<b>Book 2</b>	7. 10.2	15. 11.1
<b>Page 33</b>	8. 5.6	16. 36.4
1. 12	9. 18.5	17. 9.6cm
2. 12.9	10. 10.4	18.
3. 20.4	11. 32.4	10.8cm
4. 21.6	12. 14.7	19. 21cm
5. 27.2	13. 16.8	20.
		13.5cm

# ANSWERS TO D

## Abacus Evolve

### Page 18

- 42.3
- 27.2
- 31.2
- 60.2
- 37.2
- 21.5
- 31.2
- 45.6
- 44.8

Estimates may vary but order is:

10.  $3.6 \times 4 = 14.4$ ,  $2.8 \times 9 = 25.2$ ,  $5.2 \times 5 = 26$ ,  $4.3 \times 7 = 30.1$

11.  $2.7 \times 8 = 21.6$ ,  $5.8 \times 4 = 23.2$ ,  $7.9 \times 3 = 23.7$ ,  $4.2 \times 6 = 25.2$

12.  $2.8 \times 9 = 25.2$ ,  $9.2 \times 3 = 27.6$ ,  $4.4 \times 7 = 30.8$ ,  $6.3 \times 5 = 31.5$

13.  $9.3 \times 2 = 18.6$ ,  $4.9 \times 4 = 19.6$ ,  $4.2 \times 5 = 21$ ,  $2.7 \times 8 = 21.6$

14.  $5.4 \times 9 = 48.6$ ,  $7.3 \times 7 = 51.1$ ,  $8.7 \times 6 = 52.2$ ,  $6.6 \times 8 = 52.8$

Explore:

Triangle = 14.1cm,

Square = 18.8cm,

Pentagon = 23.5cm,

Hexagon = 28.2cm,

Heptagon = 32.9cm,

Octagon = 37.6cm

**Number** 21. 13.3 14. 81 22. 82.8

**Book 2** 22. 20 15. 38.1 23. 100.1

**Page 34** 23. 33.3 16. 61.6

16. 7.8 24. 25.2 17. 82.6

17. 7.2 25. 33.6 18. 100.8

18. 7.6 26. 31.4 19. 45.6

19. 22.4 **Page 35** 20. 53.5

20. 20.4 13. 21.2 21. 85.2

# 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.**