

DR BAKER'S YEAR 5 MATHS
TUESDAY 21ST APRIL



WELCOME

“Good Morning. First the answers to yesterday’s problem questions. Did you get the sums correct? All of these questions were multiplication ones. If you didn’t realise that look at them again and try and work out what they have in common and how you might spot them if similar questions come up in future. If you got the sums right but didn’t know how to work them out then today’s lesson is for you. But first some times tables practise.”

- A. One cinema ticket costs £9. What do six cinema tickets cost? $£9 \times 6 = £54$
- B. A shower uses 9.4 litres of water every minute. How much water is used in five minutes? $9.4 \times 5 = 47 \text{ litres}$
- C. A carpet costs £17.90 per square metre. Debbie needs 26 square metres. How much will Debbie’s carpet cost?
 $£17.90 \times 26 = £465.50$

TIMES TABLES

Do these questions as quickly as you can. Answers only in your books.

1. 8×11

2. 4×3

3. 9×8

4. 2×7

5. 12×11

6. 12×9

7. 7×7

8. 12×6

9. 4×9

10. 3×7

11. 5×8

12. 9×12

13. 11×6

14. 4×7

15. 12×2

16. 7×11

17. 6×8

18. 10×9

19. 12×7

20. 9×3

TASKS FOR TODAY

L.O. To multiply (decimals).

When we multiply decimals we first multiply as if the decimals weren't there and then put the decimal point back in in the correct place. Now some of you haven't mastered multiplication yet so you need to practise that today. If that is you chose either level A or B work (A is 1 digit multiplication and B is 2 digit multiplication). If you do know how to do both of those correctly pick level C which is the decimal multiplication.

TASKS FOR TODAY A

L.O. To multiply by one digit numbers.

If you need to practise 1 digit multiplication such as 123×7

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 23×14 .

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. 3.4×7

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.

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

Abacus	6. 34.2	14. 10.8kg
Evolve	7. 44.8	15. 26.6kg
Page 17	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

Number	6. 11.4	14. 7.6
Book 2	7. 10.2	15. 11.1
Page 33	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

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.**