

**DR BAKER'S YEAR 5 MATHS**  
**MONDAY 15<sup>TH</sup> MAY**



# WELCOME

Good Morning. It's the last week before half term so lets make it a good one. The answers to the arithmetic tests are on the next slide so make sure you mark them first. Then have a go at deciding which of these problems needs multiplication and which needs division.

Multiply or divide.

One of these problems need multiplication and one division. Which is which? You don't have to do the questions.

1. It is 874 miles from Land's End to John O'Groats. Yawen sets off from Lands End and walks 9 miles a day. How many days will it take her to reach Lands End?
2. A building has 90 floors with 20 windows on each floor. How many window does the building have?

1	923
2	437
3	278
4	22
5	971
6	269
7	919
8	260
9	36
10	9
11	111
12	316
13	14
14	$\frac{4}{10}$ or $\frac{2}{5}$
15	$\frac{1}{3}$

### Arithmetic: Test 5 A

- 1) 830
- 2) 367
- 3) 23
- 4) 8  
12
- 5) 3  
5
- 6) 4677
- 7) 5467
- 8) 48
- 9) 108
- 10) 2244
- 11) 3.2
- 12) 4.7
- 13) 42
- 14) 49100
- 15) 499910
- 16) 81
- 17) 90
- 18) 70.3

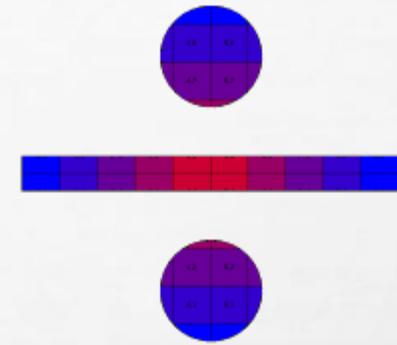
# TASKS FOR TODAY

L.O. To practise division.

Well we had done the other three operations last week so you have guessed it, it is time for division. Lots of people dislike division and one of the reasons for that is that if you don't know your times tables it is much harder. If you don't know the table in question today remember that it is always a good idea to write it out in your rough jotting space first – you could even get someone to check it (or check it yourself on the internet) but make sure you have a go independently first. There are three different levels of division so pick the one that is most appropriate for you. In this case I would go easier and move up if you are getting them correct.

Have a look at this clip if you have forgotten how to do short division:

[HTTPS://WWW.BBC.CO.UK/BITESIZE/TOPICS/Z36TYRD/ARTICLES/ZGXDFCW](https://www.bbc.co.uk/bitesize/topics/z36tyrd/articles/zgxdfcw)



# SET A DIVISION WITH NO REMAINDERS

Work out:

1  $3 \overline{) 726}$

2  $4 \overline{) 624}$

3  $5 \overline{) 8025}$

4  $6 \overline{) 7236}$

Work out:

5  $7 \overline{) 7182}$

6  $4 \overline{) 2864}$

7  $5 \overline{) 3440}$

8  $9 \overline{) 4752}$

Use short division to work out:

9 3246 divided by 2

10 4398 divided by 3

11 3744 divided by 4

12 2150 divided by 5

13 1883 divided by 7

14 6144 divided by 8

If these are too hard you should practise your times tables on Rockstars.

# SET B DIVISION WITH REMAINDERS

## Examples

What is  $841 \div 7$ ?

$$\begin{array}{r} 120 \text{ r } 1 \\ 7 \overline{) 841} \end{array}$$

Sometimes you will have numbers left over. They should be written like this next to the answer.

What is  $2234 \div 4$ ?

$$\begin{array}{r} 558 \text{ r } 2 \\ 4 \overline{) 2234} \end{array}$$

## Set B

Work out:

1  $4 \overline{) 275}$

2  $5 \overline{) 893}$

3  $6 \overline{) 827}$

4  $7 \overline{) 544}$

Work out:

5  $2 \overline{) 7437}$

6  $3 \overline{) 2374}$

7  $4 \overline{) 3474}$

8  $5 \overline{) 4739}$

Work out:

9 743 divided by 5

10 385 divided by 6

11 649 divided by 7

12 8353 divided by 2

13 4627 divided by 3

14 8294 divided by 4

# SET C DIVISION EXPRESSING REMAINDERS AS FRACTION AND DECIMALS

To write your remainder as a fraction simply take the remainder and put it over the number you were dividing by. So in this example

$$\begin{array}{r} 120 \text{ r } 1 \\ 7 \overline{) 841} \end{array}$$

the remainder is 1 so the answer is  $120\frac{1}{7}$ .

If we wanted to put the remainder as a decimal instead have a look at this clip:

<https://www.youtube.com/watch?v=gmNie3s4hcl>

## Set C

Write the remainders in your answers as fractions:

1  $7 \overline{) 986}$

2  $9 \overline{) 854}$

3  $7 \overline{) 6784}$

4  $6 \overline{) 8439}$

5  $7468 \div 8$

6  $9483 \div 5$

7  $8497 \div 9$

8  $6837 \div 7$

9  $5487 \div 6$

10  $8293 \div 5$

Write the remainders in your answers as decimals:

11  $2 \overline{) 735}$

12  $5 \overline{) 942}$

13  $5 \overline{) 7689}$

14  $4 \overline{) 8327}$

15  $4 \overline{) 8034}$

16  $754 \div 5$

17  $873 \div 4$

18  $4871 \div 4$

19  $5639 \div 2$

20  $6704 \div 5$

21  $9075 \div 4$

22  $7497 \div 2$

# SET A ANSWERS



**1. 242**

**2. 156**

**3. 1605**

**4. 1206**

**5. 1026**

**6. 716**

**7. 688**

**8. 528**

**9. 1623**

**10. 1466**

**11. 936**

**12. 430**

**13. 269**

**14. 768**

# SET B ANSWERS



## Set B

1. 68 r 3

2. 178 r 3

3. 137 r 5

4. 77 r 5

5. 3718 r 1

6. 791 r 1

7. 868 r 2

8. 947 r 4

9. 148 r 3

10. 64 r 1

11. 92 r 5

12. 4176 r 1

13. 1542 r 1

14. 2073 r 2

# SET C ANSWERS



1.  $140 \frac{6}{7}$

2.  $94 \frac{8}{9}$

3.  $969 \frac{1}{7}$

4.  $1406 \frac{3}{6}$  or  $1406 \frac{1}{2}$

5.  $933 \frac{4}{8}$  or  $933 \frac{1}{2}$

6.  $1896 \frac{3}{5}$

7.  $944 \frac{1}{9}$

8.  $976 \frac{5}{7}$

9.  $914 \frac{1}{2}$

10.  $1658 \frac{3}{5}$

11. 367.5

12. 188.4

13. 1537.8

14. 2081.75

15. 2008.5

16. 150.8

17. 218.25

18. 1217.75

19. 2819.5

20. 1340.8

21. 2268.75

22. 3748.5

# 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.**