

**DR BAKER'S YEAR 5 MATHS**  
**TUESDAY 19<sup>TH</sup> MAY**



# WELCOME

Good Morning. Did you decide which question was which yesterday? Question 1 was the division and 2 was the multiplication. I hope you got it right. If not have a look at the questions again and see if you can tell why now. Then since it is Tuesday again it is time for Times Table Tuesday. They are on the next slide.

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?  $874 \div 9$
2. A building has 90 floors with 20 windows on each floor. How many window does the building have?  $90 \times 20$

$7 \times 1 = \underline{\quad}$

$3 \times 10 = \underline{\quad}$

$3 \times 9 = \underline{\quad}$

$3 \times 11 = \underline{\quad}$

$6 \times 9 = \underline{\quad}$

$8 \times 5 = \underline{\quad}$

$2 \times 12 = \underline{\quad}$

$12 \times 10 = \underline{\quad}$

$11 \times 8 = \underline{\quad}$

$6 \times 5 = \underline{\quad}$

$12 \times 12 = \underline{\quad}$

$3 \times 8 = \underline{\quad}$

$9 \times 8 = \underline{\quad}$

$8 \times 9 = \underline{\quad}$

$12 \times 9 = \underline{\quad}$

$8 \times 8 = \underline{\quad}$

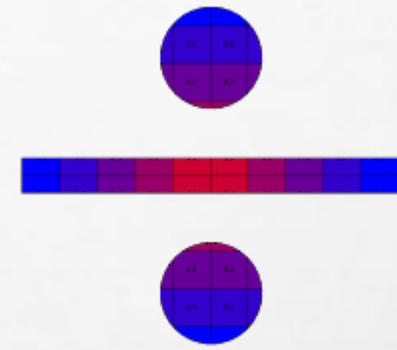
$6 \times 11 = \underline{\quad}$

$7 \times 9 = \underline{\quad}$

$4 \times 7 = \underline{\quad}$

$7 \times 8 = \underline{\quad}$

# TASKS FOR TODAY



L.O. To practise division.

As I said yesterday, division is something lots of people find hard so we are going to practise some more today. Again there are three different levels – each level has become slightly harder since yesterday so start on the same level and you should be OK. I hope you haven't forgotten how to do short division since yesterday but here is the clip if you have : [HTTPS://WWW.BBC.CO.UK/BITESIZE/TOPICS/Z36TYRD/ARTICLES/ZGXDFCW](https://www.bbc.co.uk/bitesize/topics/z36tyrd/articles/zgxdfcw)

# SET A DIVISION WITH REMAINDERS

Not all numbers divide by each other exactly. When you have numbers left over they are called remainders.

## Examples

What is  $841 \div 7$ ?

$$7 \overline{) 841} \begin{array}{r} 120 \\ \underline{840} \\ 1 \end{array} \text{ r } 1$$

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

What is  $2234 \div 4$ ?

$$4 \overline{) 2234} \begin{array}{r} 558 \\ \underline{2232} \\ 2 \end{array} \text{ r } 2$$

## Set A

Work out:

1  $3 \overline{) 697}$

2  $2 \overline{) 561}$

3  $4 \overline{) 859}$

4  $5 \overline{) 394}$

Work out:

5  $2 \overline{) 639}$

6  $3 \overline{) 745}$

7  $4 \overline{) 631}$

8  $5 \overline{) 478}$

Work out:

9  $457 \div 2$

10  $121 \div 3$

11  $587 \div 4$

12  $323 \div 4$

13  $6241 \div 3$

14  $2962 \div 5$

# SET B DIVISION WITH REMAINDERS

Work out:

1  $8 \overline{) 747}$

2  $9 \overline{) 635}$

3  $3 \overline{) 5242}$

4  $4 \overline{) 3770}$

Work out:

5  $5 \overline{) 8346}$

6  $6 \overline{) 4277}$

7  $7 \overline{) 1362}$

8  $8 \overline{) 4356}$

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  $8293 \div 5$

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  $120 \frac{1}{7}$ .

# SET C MIXED DIVISION QUESTIONS

Use short division to work out the answers.

Write any remainders as a fraction.

45  $4 \overline{) 549}$

47  $3 \overline{) 2542}$

46  $6 \overline{) 872}$

48  $5 \overline{) 5432}$

Use short division to work out the answer.

Write any remainders as a fraction.

49  $365 \div 2$

52  $5402 \div 4$

50  $563 \div 5$

53  $1093 \div 6$

51  $642 \div 7$

54  $2461 \div 8$

Use short division to work out the answers.

Write any remainders as a decimal.

55  $4 \overline{) 562}$

57  $5 \overline{) 8421}$

56  $5 \overline{) 304}$

58  $2 \overline{) 2041}$

Use short division to work out the answer.

Write any remainders as a decimal.

59  $787 \div 2$

62  $1094 \div 4$

60  $583 \div 4$

63  $2736 \div 5$

61  $632 \div 5$

64  $3485 \div 2$

Work out the answers then decide whether you should write the remainder as a number, a decimal, or round to a whole number.

65 Aseem has 325 g of sweets. He wants to share them out equally between 3 people. How many grams of sweets will they get each? How many will be left over?

66 Fraser has 875 ml of water and 4 plants. He wants to share the water equally between the 4 plants. How much water should he give to each plant?

67 School shirts are sold in packs of 5. A factory has made 2364 shirts. How many packs of 5 can they make?

# SET A ANSWERS

## Set A

1. 232 r 1

2. 280 r 1

3. 214 r 3

4. 78 r 4

5. 319 r 1

6. 248 r 1

7. 157 r 3

8. 95 r 3

9. 228 r 1

10. 40 r 1

11. 146 r 3

12. 80 r 3

13. 2080 r 1

14. 592 r 2



# SET B ANSWERS



1. 93 r 3
2. 70 r 5
3. 1747 r 1
4. 942 r 2
5. 1669 r 1
6. 712 r 5
7. 194 r 4
8. 544 r 4

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

# SET C ANSWERS

45.  $137 \frac{1}{4}$
46.  $145 \frac{2}{6}$   
or  $145 \frac{1}{3}$
47.  $847 \frac{1}{3}$
48.  $1086 \frac{2}{5}$
49.  $182 \frac{1}{2}$
50.  $112 \frac{3}{5}$
51.  $91 \frac{5}{7}$
52.  $1350 \frac{2}{4}$  or  $1350 \frac{1}{2}$
53.  $182 \frac{1}{6}$
54.  $307 \frac{5}{8}$
55. 140.5
56. 60.8
57. 1684.2
58. 1020.5
59. 393.5
60. 145.75
61. 126.4
62. 273.5
63. 547.2
64. 1742.5
65. They will have 108 g  
each with 1 g leftover.
66. 218.75 ml
67. 472 packs



# 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.**