

**Y4 Summer 2 Week 7 Day 5**

**Practising times tables and reasoning questions.**

Choose mild work to continue to practise your multiplication and division facts. Choose spicy/hot work to practise your reasoning on a range of topics.

**Mild.**

Below you will find a variety of activities to help you to practise your multiplication and division facts. Write out the answers in your home learning book and then check using the answer sheet.

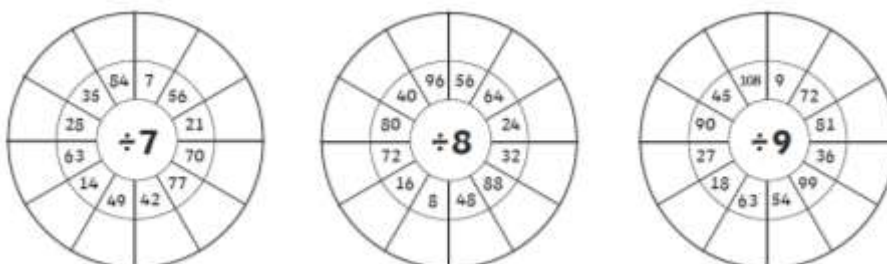
1.

4. $5 \times 5 \times 2 =$	
5. $5 \times 4 \times 5 =$	
6. $12 \times 5 \times 10 =$	
7. $14 \times 5 \times 2 =$	
8. $7 \times 13 \times 0 =$	
9. $2 \times 2 \times 11 \times 2 =$	
10. $10 \times 136 \times 10 =$	
11. $1 \times 2 \times 3 \times 4 \times 5 =$	

2. Multiplication and division wheels – please complete.



3.



**Y4 Summer 2 Week 7 Day 5**

3.

Calculate:

1.  $12 \times 1 =$

2.  $1 \times 82 =$

3.  $0 \times 1 =$

4.  $25 \times 1 =$

5.  $342 \times 1 =$

6.  $212 \div 1 =$

7.  $4567 \times 0 =$

8.  $1 \times 1 =$

9.  $0 \times 11 =$

10.  $1 \times 31 =$

11.  $0 \times 0 =$

12.  $0 \div 1 =$

13.  $50 \times 1 =$

14.  $1 \times 50 =$

15.  $1 \times 3983 =$

16.  $26 \div 1 =$

17.  $1 \div 1 =$

18.  $156 \times 0 =$

4.

Use your knowledge of associated facts to work out the calculations below.

**Example:**  $7 \times 4 = 28$  so  $70 \times 4 = 280$  and  $700 \times 4 = 2800$

$6 \times 20 =$	$40 \times 11 =$	$6 \times 50 =$	$40 \times 6 =$	$3 \times 80 =$
$80 \times 4 =$	$7 \times 90 =$	$120 \times 10 =$	$3 \times 40 =$	$80 \times 7 =$
$600 \times 2 =$	$4 \times 1100 =$	$600 \times 5 =$	$4 \times 600 =$	$300 \times 8 =$
$8 \times 400 =$	$700 \times 9 =$	$12 \times 1000 =$	$300 \times 4 =$	$8 \times 700 =$
$60 \times 20 =$	$40 \times 110 =$	$60 \times 50 =$	$40 \times 60 =$	$30 \times 80 =$
$80 \times 40 =$	$70 \times 90 =$	$120 \times 100 =$	$30 \times 40 =$	$80 \times 70 =$

**Spicy/Hot**

Below you will find multiplication and reasoning questions. Do as many as you can. Write out the answers and any working out in your home learning book. There is a separate answer sheet to check your work once you have finished.

1.

## The Commutative Law of Multiplication

Write the order in which you think it is best to multiply these numbers and then work out the calculation.

**Tip:** you may not need to change every calculation.

**Example:**  $4 \times 17 = 17 \times 4 = 68$

$17 \times 4 = \_\_\_ \times \_\_\_ = \_\_\_$	$4 \times 29 = \_\_\_ \times \_\_\_ = \_\_\_$
$3 \times 24 = \_\_\_ \times \_\_\_ = \_\_\_$	$28 \times 8 = \_\_\_ \times \_\_\_ = \_\_\_$
$5 \times 17 = \_\_\_ \times \_\_\_ = \_\_\_$	$7 \times 17 = \_\_\_ \times \_\_\_ = \_\_\_$
$29 \times 6 = \_\_\_ \times \_\_\_ = \_\_\_$	$15 \times 8 = \_\_\_ \times \_\_\_ = \_\_\_$
$4 \times 18 = \_\_\_ \times \_\_\_ = \_\_\_$	$5 \times 27 = \_\_\_ \times \_\_\_ = \_\_\_$
$7 \times 11 = \_\_\_ \times \_\_\_ = \_\_\_$	$3 \times 24 = \_\_\_ \times \_\_\_ = \_\_\_$
$19 \times 3 = \_\_\_ \times \_\_\_ = \_\_\_$	$17 \times 3 = \_\_\_ \times \_\_\_ = \_\_\_$
$7 \times 30 = \_\_\_ \times \_\_\_ = \_\_\_$	$4 \times 14 = \_\_\_ \times \_\_\_ = \_\_\_$
$8 \times 21 = \_\_\_ \times \_\_\_ = \_\_\_$	$6 \times 24 = \_\_\_ \times \_\_\_ = \_\_\_$
$3 \times 18 = \_\_\_ \times \_\_\_ = \_\_\_$	$21 \times 5 = \_\_\_ \times \_\_\_ = \_\_\_$
$28 \times 9 = \_\_\_ \times \_\_\_ = \_\_\_$	$8 \times 26 = \_\_\_ \times \_\_\_ = \_\_\_$
$2 \times 15 = \_\_\_ \times \_\_\_ = \_\_\_$	$9 \times 24 = \_\_\_ \times \_\_\_ = \_\_\_$
$12 \times 4 = \_\_\_ \times \_\_\_ = \_\_\_$	$7 \times 29 = \_\_\_ \times \_\_\_ = \_\_\_$
$29 \times 5 = \_\_\_ \times \_\_\_ = \_\_\_$	$27 \times 6 = \_\_\_ \times \_\_\_ = \_\_\_$
$7 \times 27 = \_\_\_ \times \_\_\_ = \_\_\_$	$5 \times 17 = \_\_\_ \times \_\_\_ = \_\_\_$

2.

Write a 4 digit number with a 3 in the hundreds place and a 7 in the ones place.

3.

Count back 9 from the number 4.

4.

Here is a table showing the lengths of some films. Complete the table.

Film	Length in hours and minutes	Length in minutes
Alvin and the Chipmunks: The Road Chip	1 hour 32 minutes	
Star Wars: The Force Awakens		135 minutes

**Y4 Summer 2 Week 7 Day 5**

5.

7. A class of children record the number of children who have school meals or packed lunch from home. The results are displayed in the table below.

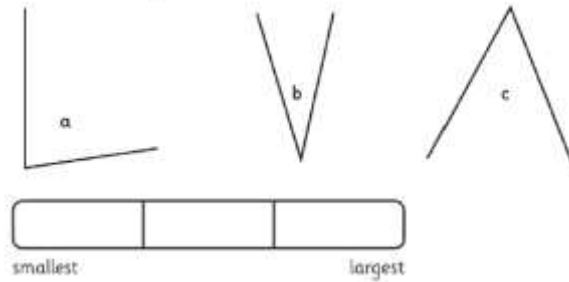
Day	Monday	Tuesday	Wednesday	Thursday	Friday
School meal	18	16	17	12	21
Packed lunch	11	12	12	17	7

i) On which day did the most children have a school meal?

ii) Which day has the smallest difference in the number of children eating school dinner and eating a packet lunch?

6.

b) Here are 3 angles labelled a, b and c.



7.

19. 
$$\begin{array}{r} 9 \square \\ \times 5 \\ \hline 460 \end{array}$$

20. 
$$\begin{array}{r} \square 3 \\ \times \square \\ \hline 372 \end{array}$$

21. 
$$\begin{array}{r} 1 \square \\ \times 3 \\ \hline 36 \end{array}$$

22. 
$$\begin{array}{r} \square 8 \\ \times \square \\ \hline 294 \end{array}$$

23. 
$$\begin{array}{r} 2 \square \\ \times 4 \\ \hline 96 \end{array}$$

24. 
$$\begin{array}{r} 1 \square \\ \times 3 \\ \hline 33 \end{array}$$

8.

Please complete the multiplication calculations below:

130 x 9 =

243 x 4 =

617 x 9 =

767 x 8 =