

## Maths – Mental Maths

Use this guide to access online Maths games with additional advice on how to support your children with each one. Keep using these games to practise maths skills.

Go to the website [www.topmarks.co.uk](http://www.topmarks.co.uk)



You can either click on 'maths' on the right - this will take you to a new page where you will find a list of interactive maths games.

Or, you can search in the box the names of the games listed below, which are the ones we recommend for you.

### Straight Forward Games

'Alien Addition' – Adding

'Minus Mission' – Subtraction

'Blast Off' – Adding, Subtraction, Number Recognition (spoken instructions)

'Caterpillar Ordering' – Place Value/Ordering and Sequencing

'Rocket Rounding' – Rounding to nearest 10/100

'Measuring in cm' – Using a ruler

'Teaching Clock' – Practising telling times(Digital and Analogue)

### Trickier Games (Higher Level Skills)

'Maths Invaders' – Addition/Subtraction/Multiplication/Reading Numbers(words and digits)/Fractions

'Maths Fishing' – Multiplication (including decimals)

'Colouring Numbers in Pascal's Triangle' – Division (including large numbers)

'Countdown' – Addition/Subtraction/Multiplication/Division (Needs pencil and paper)

**\*NB\***: This is also a great opportunity for **times tables practise**. Set a target of **one set per week**.

The recommend order for learning tables is: 2x, 5x, 10x, 3x, 4x, 6x, 7x, 8x, 9x...then potentially 11x & 12x.

## Maths – General Number

Support students to complete the questions below, linked to a range of 'number' based topics. This includes; reading and writing numbers, counting, understanding numbers, addition and subtraction.



1.a. How many marbles are there?.....

1b. Draw 5 marbles

2.a. Complete the table

Words	Digits
.....	7
twelve	.....

3. Look at the list of numbers.

4                      7                      9                      0                      17

3.a. What is the smallest number?.....

3.b. What is the largest number? .....

4. Fill in the missing numbers:



5.  How many books are there? .....

6. Write the following numbers in order starting with the smallest:

7                      20                      11                      6                      2

.....

7. Here are some test marks for four students.

Molly	Emily	Jacob	Nick
57	62	39	60

7.a. Who scored the **most** marks?.....

7.b. Who scored the **fewest** marks?.....

7.c. Steve also took the test, he scored more than Nick but less than Emily. What was his score?.....

8.a. What is the value of the digit underlined?

57 .....

68 .....

9. Look at these numbers.

7

33

64

22

45

Circle the **odd** numbers.

10. Write down **2 even** numbers between 21 and 31.

.....

11. Round **64** to the nearest 10.

.....

12. Here is a counting pattern. Fill in the missing numbers.

15

20

.....

35

40

.....

50

13. Write the following numbers in order, from smallest to largest.

79

52

128

25

218

97

.....

14. Kyle has 54 football cards.

14.a. Amy has 14 **fewer** cards than Kyle. How many cards has Amy?.....

14.b. Will has 100 **more** cards than **Amy**. How many cards has Will?.....



15. Look at the following words and put them in the correct column.

subtract	plus	difference	less	total	fewer	add	minus	change
combined		decrease	left	more	increase	sum	together	take-away

## Maths – Reading Tables & Charts

Support students to read the table below and answer the questions about the data.

### Premier League Table:

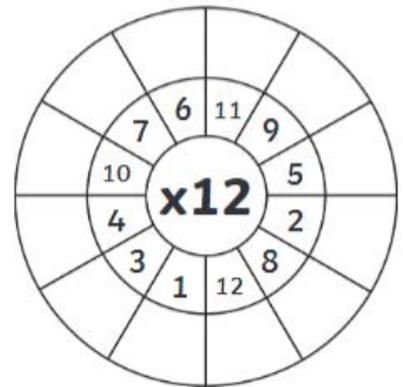
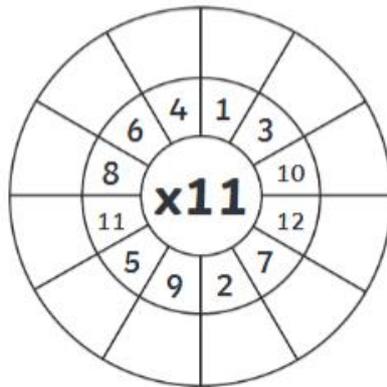
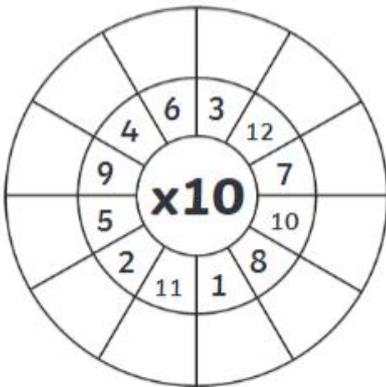
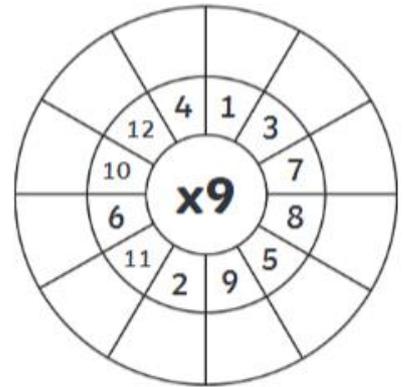
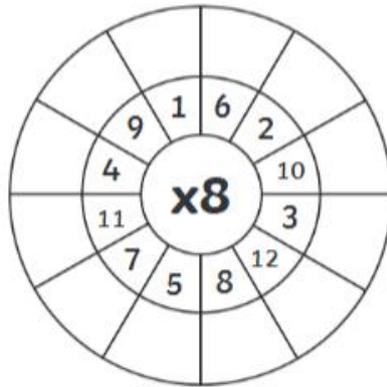
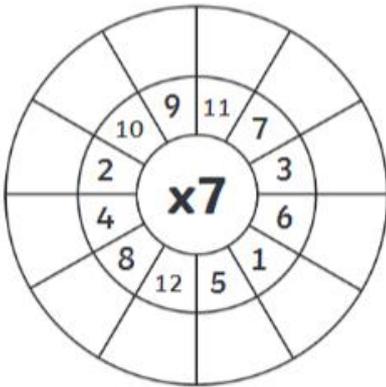
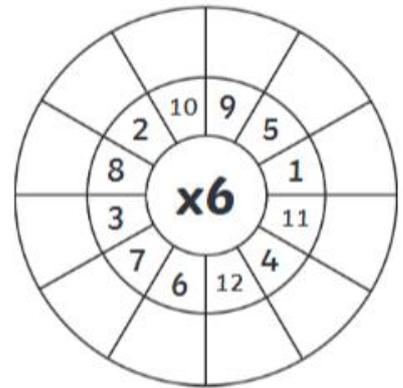
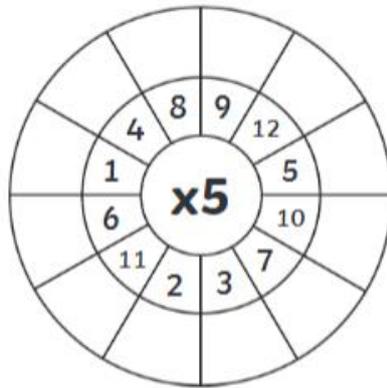
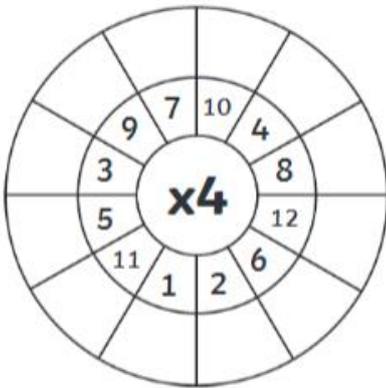
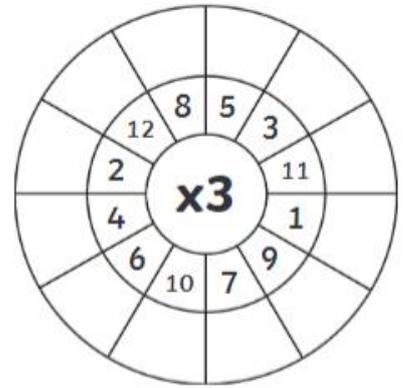
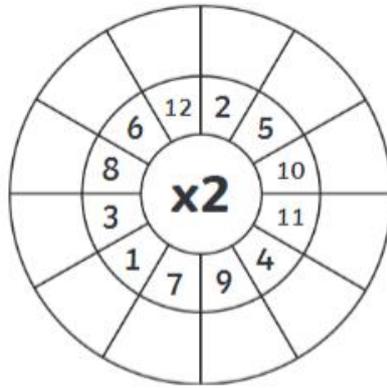
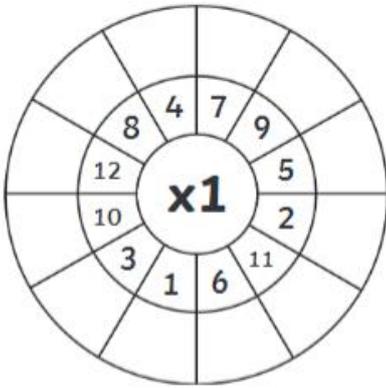
#	Team	M.	W	D	L	goals	Dif.	Pt.
1	 Liverpool FC	29	27	1	1	66:21	45	82
2	 Manchester City	28	18	3	7	68:31	37	57
3	 Leicester City	29	16	5	8	58:28	30	53
4	 Chelsea FC	29	14	6	9	51:39	12	48
5	 Manchester United	29	12	9	8	44:30	14	45
6	 Wolverhampton Wanderers	29	10	13	6	41:34	7	43
7	 Sheffield United	28	11	10	7	30:25	5	43
8	 Tottenham Hotspur	29	11	8	10	47:40	7	41
9	 Arsenal FC	28	9	13	6	40:36	4	40
10	 Burnley FC	29	11	6	12	34:40	-6	39
11	 Crystal Palace	29	10	9	10	26:32	-6	39
12	 Everton FC	29	10	7	12	37:46	-9	37
13	 Newcastle United	29	9	8	12	25:41	-16	35
14	 Southampton FC	29	10	4	15	35:52	-17	34
15	 Brighton & Hove Albion	29	6	11	12	32:40	-8	29
16	 West Ham United	29	7	6	16	35:50	-15	27
17	 Watford FC	29	6	9	14	27:44	-17	27
18	 AFC Bournemouth	29	7	6	16	29:47	-18	27
19	 Aston Villa	28	7	4	17	34:56	-22	25
20	 Norwich City	29	5	6	18	25:52	-27	21

Answer the questions using the data in the table above:

1. Who is top of the table?
2. How many matches have Manchester United won?
3. Can you spot which FOUR teams have only played 28 games?
4. How many point have Manchester City got so far?
5. Can you think of THREE questions you could ask someone else about the league table...

## Maths – Times Tables

Complete the multiplication wheels by multiplying the numbers by the number in the middle and writing the answer in the outside.



## Maths – Time

Support students to complete the questions below, linked to a range of 'time' based topics. This includes; days of the week, months of the year, reading clocks and reading calendars.

1. What is the day *after* **Friday**?.....

2. Which *two days* are *between* **Sunday** and **Wednesday**?

..... and .....

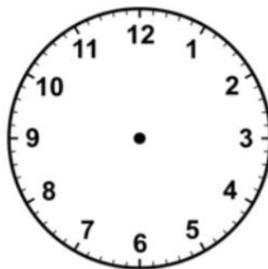
3. What time does this clock show?



What time does this clock show?



4. Show **9:30** on this clock.



5. What is the day *before* **Friday**? .....

6. Bella goes into town to meet her friends at the cinema.

Here are some of the things she does.

- Gets *off* the bus
- Goes to the bus stop
- Locks her door
- Goes into the cinema
- Gets *on* the bus

Can you put these things in the correct order she does them?

7. Complete the list of seasons in order.

Spring ..... Autumn .....

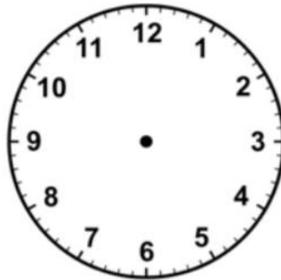
8. Fill in the missing **numbers**.

There are ..... **seconds** in a **minute**.

There are ..... **days** in a **week**.

There are ..... **months** in a **year**.

9. Students go to their class at quarter past nine.  
Show this time on the digital clock below.



Now also show this time on the clock face.

11. Karl's birthday is in a month which is between February and June.

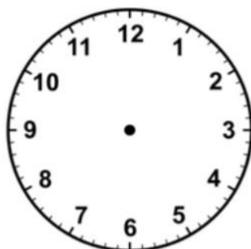
Can you suggest two months it might be?

..... and .....

12. The watch shows



Show this time on the clock



13. How many minutes are there between 10:45 and 11:15? .....

14. Look at the following times.



How many minutes are between these times? .....

15. Here is a calendar for August 2014

AUGUST 2014						
Mon	Tue	Wed	Thur	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Which day of the week was the 6<sup>th</sup> August 2014? .....

The **last date in July** was 31/07/2014.

Write down the date of the first Sunday in August 2014                   ...../...../.....

16. How many full weeks are in one year? .....

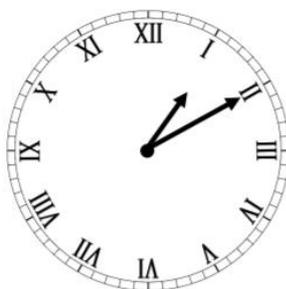
17. Rob and Jane had a race.

Rob took 165 seconds.

Jane took 2 minutes 35 seconds.

Who won?.....

By how long?.....



18. Write down the time shown on the clock.

19. Liam starts work at half past six in the morning.

Underline the correct time.

6:30 am      6:30 pm

20. Gina is at work for 5 hours. She does the following jobs.

- Writes emails for 1 hour 15 minutes.
- Has a meeting for 2 hours 30 minutes.
- Makes a phone call for 20 minutes.

How much of the 5 hours does she have *left*? .....