

Monday 1st June

This half term, we will do our Maths a little differently. You may have some arithmetic each day, but for your main task will be based around problem solving. First, however, we have some exciting news! **We have a competition!**

Oasis Community Learning and Sumdog have partnered to bring the first ever Multi Academy Trust National Maths contest from 5th June until 11th June 2020. The contest is open to all pupils in Years 1 to 8 with classes, individuals and even regions celebrated throughout the competition and at the end with amazing prizes!

It is straightforward to get involved and **pupils can continue to use Sumdog for free once the contest has ended**. Usually, Sumdog provides online-personalised practice for maths and spelling for Years 1 to 8. Adaptive questions and multi-player games keep children switched on and motivated to learn. Mapped to the National Curriculum, Sumdog is proven to accelerate progress by reinforcing teaching and helping to identify gaps in pupil knowledge.

What is a Sumdog contest?

- **Pupils enter by playing any of the 20+ Sumdog games, using a computer, smartphone or tablet**
- Questions are tailored to each child's level, meaning children in Year 1 can compete against their peers in Year 8
- Pupils answer questions as accurately as they can during the course of a week. One hours play is sufficient to get a good score
- **Prizes too!!!** - The overall 1st place class will receive a Sumdog trophy and medals
- Top 3 pupils will receive an app store voucher, either for Android or iOS
- The top class each day will receive a printable daily winner certificate (a class can only be the Daily winner once during the contest).
- All pupils who have answered 100 questions will receive a virtual item for their Sumdog house. This item will be delivered automatically as a gift to their account.
- The top 10 pupils overall will receive a printable certificate

You can login to the sundog website <https://pages.sumdog.com/> using your Mymaths login and password. Before the competition begins, you will need to answer some questions so that it can set your level, so start today! We can win this!

For these first 5 questions, think whether a written or mental method would be better. Answers are at the end, so if you get stuck, use the answer to help you work out how to do it.

1	$294 + 70 =$	
		<input type="text"/>
		1 mark

2	$4,697 + 2,534 =$	
		<input type="text"/>
		1 mark

3	$3 \times 8 =$	
		<input type="text"/>
		1 mark

4	$564 \times 8 =$	
		<input type="text"/>
		1 mark

5	$80 \times 5 =$	
		<input type="text"/>
		1 mark

Q1**a**

Write the number three million, two hundred and forty thousand, four hundred and three in digits.

1 mark**b**

Write the number 456,802 in words.

1 mark**Q2**

Freddie's Fairground has 4,568 visitors on Friday, 10,832 visitors on Saturday and 6,789 visitors on Sunday.

How many visitors did Freddie's Fairground have **altogether** between Friday and Sunday?

1 mark**Q3**

Circle the prime numbers below.

1 2 4 15 19 23 242

2 marks

Investigation time!

Using the digits 1, 2, 3 and 4 and +, -, x and \div symbols make the numbers from 1 to 30.

For example, $1 + 2 + 3 + 4 = 10$.

Requirement: you must use each of the numbers every time.

Answers

Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.

1. $294 + 70 = \mathbf{364}$ (M)

2. $4,697 + 2,534 = \mathbf{7,231}$ (W)

3. $3 \times 8 = \mathbf{24}$ (M)

4. $564 \times 8 = \mathbf{4,512}$ (W)

5. $80 \times 5 = \mathbf{400}$ (M)

Q1

a

Write the number three million, two hundred and forty thousand, four hundred and three in digits.

3,240,403

1 mark

b

Write the number 456,802 in words.

**Four hundred and fifty six
thousand, eight hundred
and two.**

1 mark

Q2

Freddie's Fairground has 4,568 visitors on Friday, 10,832 visitors on Saturday and 6,789 visitors on Sunday.

How many visitors did Freddie's Fairground have **altogether** between Friday and Sunday?

22,189

1 mark

Q3

Circle the prime numbers below.

1 **2** 4 15 **19** **23** 242

2 marks