

Year 5

Home Learning

Date

Friday 24th April

Maths

Warm up

Follow this sheet to revisit a topic from year 5 maths. Complete as much as you feel confident doing.

L.O: Multiples.

Multiples are different way to express numbers in the times tables.

The 3rd multiple of 5 is 15, as it is the 3rd number in the 5 times table.

Knowledge of multiples are used across all areas of maths, particularly when we work with fractions.

Here is part of a hundred square.

11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

- Colour the multiples of 3
- Draw a circle around all the multiples of 2
- Some numbers have been coloured **and** circled.
What do you notice about these numbers?

Scott's age is a multiple of 8 and 12
His age is one away from a multiple of 7
He is younger than 50 years old.
How old is Scott?

Flashback

4

Year 5 | Week 3 | Day 3

1) Work out $176 \div 4$

2) Work out 26×27

3) 414 apples are shared equally between 3 boxes.
How many apples are in each box?

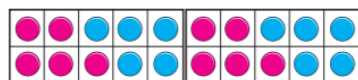
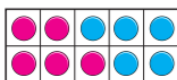
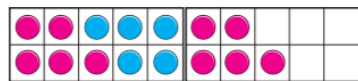
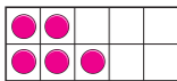
4) + 120 = 1,000

What is the missing number?



White Rose Maths

1 What numbers are represented?



Complete the sentence.

These numbers are all _____ of 5

2 a) List all the multiples of 2 up to 20

b) List all the multiples of 4 up to 20

c) What do you notice about the multiples of 2 and 4?

d) Is the number 47 a multiple of 4?

Explain how you know.

3

Rosie and Jack are each thinking of a number.



My number
is a multiple of
3 and 5

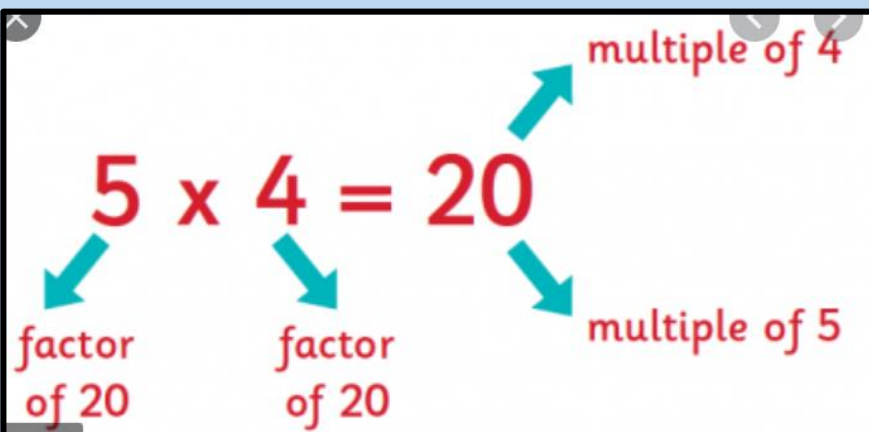
My number
is a multiple of
2 and 10



Could they be thinking of the same number?

Explain your answer.

4



5

English

To summarise and share the story of Macbeth.

Now it's time to share your knowledge of the story of Macbeth.

You can choose how you do this. You could do any of the following:

- write a letter to a family member or friend that you haven't seen recently telling them all about the story of Macbeth
- ring a family member to tell them about it
- practise verbally retelling the story, like a presentation, and present it to a member of your own family
- you could even create a Powerpoint to email to someone or present to your family

Other: Science - Space

Mars

What is Mars like?

Mars is the 4th planet from the sun. It is a terrestrial planet which means that it has a hard rocky surface that you could walk on. Mars' surface is dry and much of it is covered with a reddish dust and rocks. When viewed from Earth, Mars appears to be the color red.

Mars has some of the most impressive natural geographical structures in the Solar System. Olympus Mons, a now dormant volcano, is the highest mountain in the Solar System. It is 3 times as high as Mount Everest and towers 16 miles above the Martian surface. Another major geographical structure of Mars is the great canyon, Valles Marineris. This canyon is the biggest in the Solar System. It is 4 miles deep in places and stretches for thousands of miles.

Mars Facts

- 1) Named after the **Roman God of war**, Mars is the **fourth planet** from the sun in our [solar system](#).
- 2) Mars is also known as the '**Red Planet**' because, well, it's red! This signature colour comes from the large amount of a chemical called **iron oxide** (or 'rust' as you might know it) in its rocks and soil.
- 3) Mars is the second smallest planet in the solar system after **Mercury**. With a diameter (distance through the middle) of **6,791 kilometres**, it's roughly **half the size of Earth**.
- 4) It can get pretty cold on Mars — much **colder than our own planet**, since it's further away from the sun. At the equator, temperatures can reach **20°C**, but at its poles they can plummet to as low as **-140°C**. *Brr!*
- 5) Mars is home to the **highest mountain in our solar system** — a volcano called **Olympus Mons**. Standing a whopping **24 kilometres high**, it's about three times the height of Mount Everest!
- 6) You could **jump around three times higher on Mars** than you can on Earth. *Boing!* This is because the planet's **gravity** — the force that keeps us on the ground — is much weaker.
- 7) Do you like to look at the [moon](#) at night? Well, check this out — **Mars has two moons!** One is called **Phobos** and the other **Deimos**.
- 8) A day on Mars is **24 hours and 37 minutes** — only a little bit longer than a day on our own planet. A year on Mars, however, is almost twice as long, lasting **687 Earth days!** This is because it takes a lot longer than Earth to complete its orbit around the Sun.
- 9) Until recently, scientists believed that there was no liquid water on the surface of Mars — only rocks, soil dust and ice. But... News flash! In 2018, they found **evidence of a lake** under the planet's south polar ice cap. Exciting stuff!
- 10) Humans have not yet been to Mars, but scientists have sent spacecraft there to help them research this fascinating planet. The first spacecraft to land on Mars were the **Viking Landers**, which touched down on the surface in **1976**.

This is a task
for the whole
week.



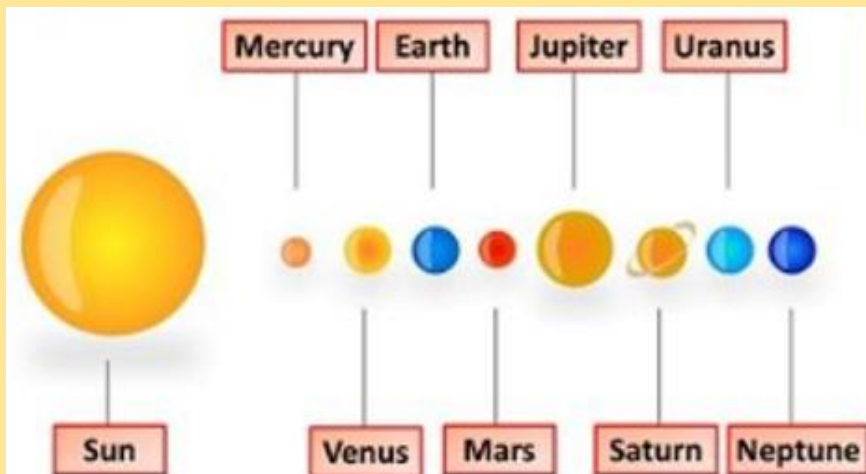
In the future, space flight may be able to offer holidays in the solar system. Imagine you are an estate agent who is advertising holidays to other planets.

Task:

Design an information poster or leaflet about travelling to Mars. Use the information above and from secondary resources to help. Include:

- A comparison of the day and year on Earth and Mars.
- Explain which clothes and special equipment to take.
- Some descriptions of the must see features, events or places.

Use the information on the previous slide, as well as your own research using books and the internet, to complete this task.



This is a task for the whole week.

You might have:

- State the length of the day and year.
- State what clothes to take, with a simple reason.
- Recognise how the atmosphere is different.
- Identify a 'must see' feature, event or place.
- Compare the length of the day and year to that on Earth.
- Explain simply what clothes to take.
- Decide on what special equipment will be needed, with a reason.
- Describe a 'must see' feature, event or place.
- Compare the length of the day and year to that on Earth.
- Explain what clothes to take.
- Decide on what special equipment will be needed, with a scientific reason.
- Describe a 'must see' feature, event or place.
- Compare the length of the day and year and the seasons to that on Earth and explain in detail, using a diagrams, why there is a difference.
- Explain, with scientific reasons, what clothes to take.
- Decide on what special equipment will be needed, with detailed scientific reasons.
- Describe in some detail the 'must see' feature, event or place, drawing on geological or atmospheric information.

Extras!

Mindfulness Fruity Friday

Make yourself a kebab using 3 different fruits and a straw or skewer.

PE

with Joe Wicks "The Body Coach."	Follow this link: https://www.youtube.com/user/thebodycoach1
Cosmic Yoga	Follow this link: https://www.youtube.com/user/CosmicKidsYoga
Go Noodle – Active challenges	Follow this link: https://www.gonoodle.com/families/

Golf: Rolling Home Physical Education

How to play:

- Place 5 targets in different places on the floor (garden or in a room).
- Decide on a starting point and it mark out.
- The aim of the game is for pupils to roll a ball, making it rest against one of the targets in the least amount of rolls possible.
- The winner is the player who rests their ball against a target with the fewest rolls. Repeat with all of the different target.



Can you be honest and keep the score?

Can you keep trying hard even if you miss the target?

Top Tips

Roll Underarm

Step forwards with one foot, bending the knee releasing the ball along the ground using your opposite hand.

Let's Reflect

When did you need to increase the power of your rolls?

Did you use the correct rolling technique?

Family Chores

Have you spoken to all your family? Maybe get the family together so that you could call someone you've not spoken to for a while?!

Personal Chores

Has your wash basket been emptied? Maybe sort your washing into a coloured pile and a whites pile?

Reading

Using your book shelf, find three different books with one of these three things:

1. A castle
2. The word "*hilarious*"
3. A character with a sword.