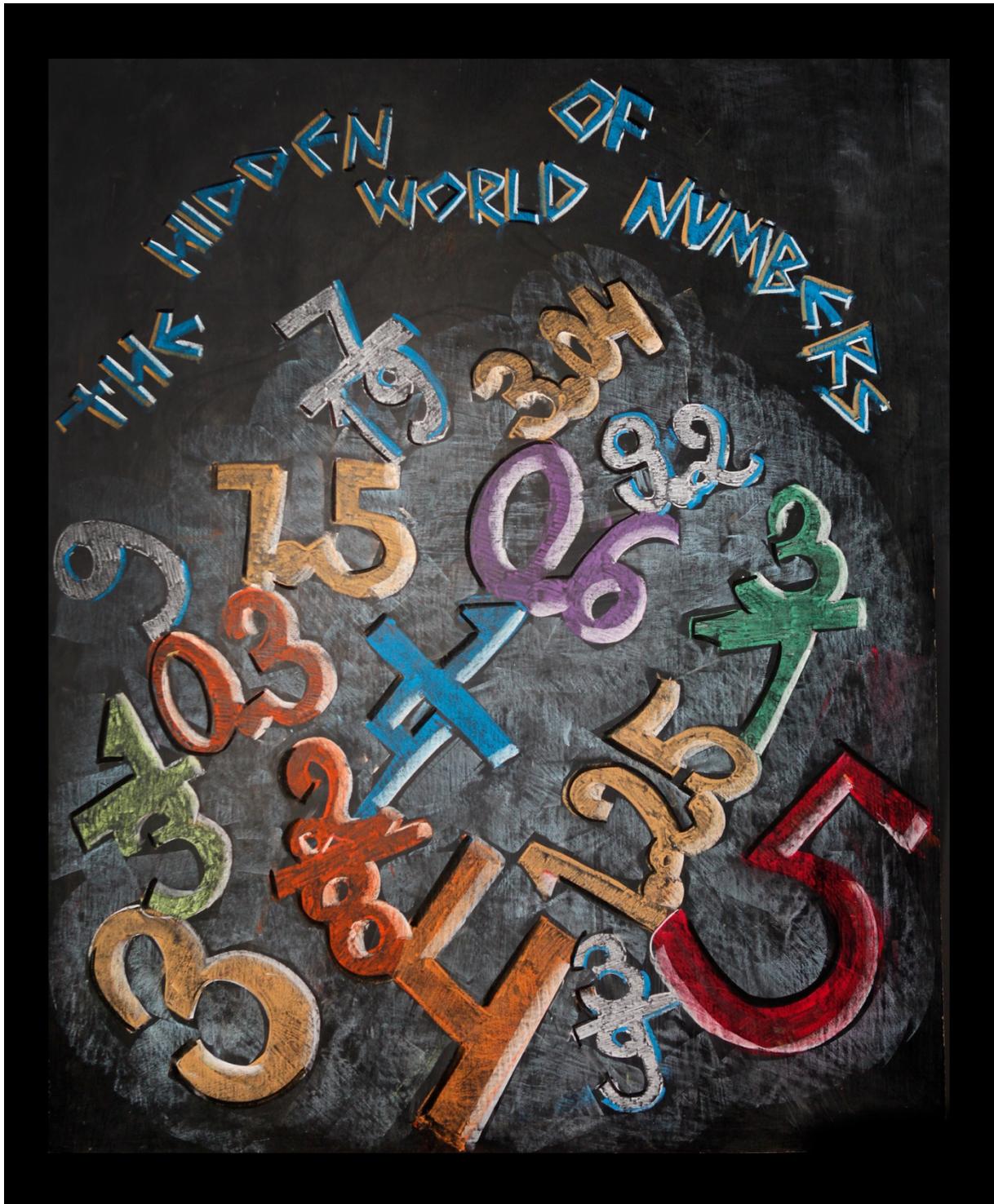


19/08/20

The hidden world of Numbers



*You can either play a video of me saying the morning verse (labelled **Greeting and Morning Verse**), or you can say it by yourself.*

Good morning everyone,

Let us now light a candle and cross our hands over our hearts and say the Morning Verse.

Morning verse

**I look into the world
In which the sun is shining
In which the stars are sparkling
In which the stones repose**

**Where living plants are growing
Where sentient beasts are living
Where human souls on earth
Give dwelling to the spirit.**

**I look into the soul,
That lives within my being
The World Creator weaves
In sunlight and in soul light,
In world space there without
In soul depths here within.**

Before we start today, I would like you to go outside your home and practice a long jump as well Greek wrestling, you will need a partner for both activities. In the long jump, your partner will mark where you land, and in wrestling, your partner will be your opponent. You can spend about 10-15 minutes on both practices.

Before you go outside, I would like you to carefully read the following:

The long jump and wrestling were a part of the Olympic games in ancient Greece. Grace and beauty played just as an important role as performance. It was the most honourable thing for every Greek to compete in these games. At the ancient Olympics, there were no medals, the only prize was the crown of olive leaves cut from the sacred tree at Olympia. What counted most of all was the fame and supreme glory of becoming an Olympic victor.

When you go outside, and before you start, I would like you to read out the following verse. Practice saying it with grace and confidence in your voice.

*The most important thing in the Olympic Games
is not to win, but to take part, just as the most
important thing in life is not the triumph, but the struggle.
The essential thing is not to have conquered,
but to have fought well.*

Long jump

Make sure you stand behind a line (could use a string or a stick as a marker) then jump from a standing position (running up before jumping is not allowed). The distance is measured either from the line to the back of the closest heel or if you step or fall backwards, then the closest point you touch from the line you jumped. You can have a go 3 times. Then I would like you to measure your best result in cubits. Measure as precisely as you can and make sure to keep a tally as you will try to better your result daily.

Wrestling

You will need to find a partner, that could be either your sibling or one of your parents. Both people need to lock/hold hand, each with one hand over and one under. Right foot forward beside your opponent's right foot. You must not move their feet off the ground, and must push against your opponent using only their hands. You may not push using your head or shoulders, or deliberately release your hands. The first person to lift/slide their foot off the ground - loses.

Another version can be practiced as well. While facing a partner – about one foot length apart – push both of your palms against the palms of the other person, standing with your feet either together or shoulder's width apart. The goal is to avoid falling off-balance.

Once you are finished, you can sit down and repeat the following tongue twister:

**Yellow butter, purple jelly, red jam, black bread.
Spread it thick, say it quick!
Yellow butter, purple jelly, red jam, black bread.
Spread it thicker, say it quicker!
Yellow butter, purple jelly, red jam, black bread.
Don't eat with your mouth full!**

Read the tongue twister a few times and then try to say it from memory. Once you are confident say it fast 3 times.

Now I would like you to read the poem below 3 times and then try to repeat it from memory.

The Decimal Point

***The decimal point is not just a spot,
It sits in a number and tells us a lot;
How many cents in a dollar,
Can I buy that shirt with the collar?***

***And the extra centimetres after the metre,
Do make our measurements even neater;
To know the temperature of the day,
Helps me plan as I make my way.***

***The parts of things and also the whole,
Are important to know deep in my soul,
Without that point life could be tricky,
Resulting in situations quite sticky!***

Once finished, you can open your spelling book and in your most beautiful running writing and by using your fountain pen (or a grey led) copy the new spelling list twice. Do not forget to include the date and make sure all the letters are in lower case. Also try to look, cover, copy and then check your spelling.

Week 5 Spelling list

division

decision

conclusion

revision

invasion

sequence

calculate

multiplication

equivalent

measurement

Now you can unscramble all your spelling words to reveal a mystery word.

QENECSEU

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CUECALLAT

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NISDIIVO

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DISCEINO

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6

VANQUTIELE

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4

NNVIOSIA

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7

NEATEERUSAM

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8

NOLCUCSINO

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1

VISRIONE

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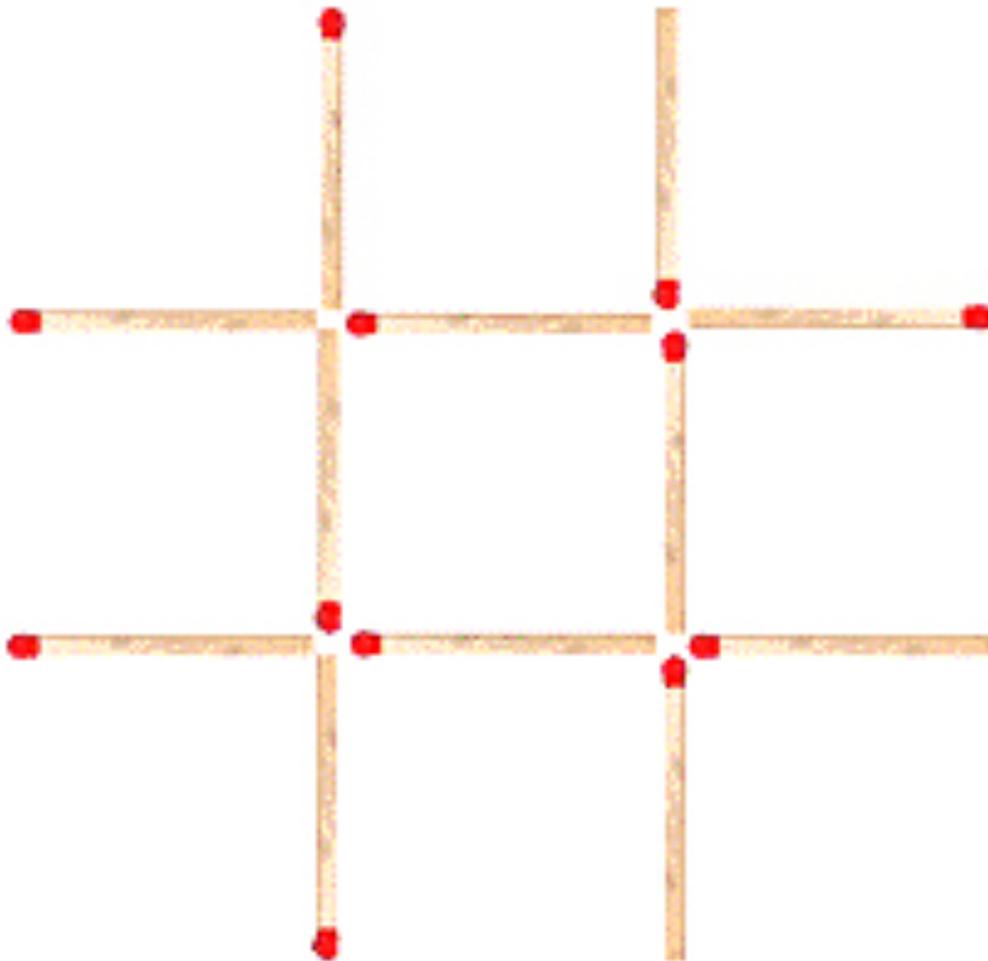
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1 2 3 4 5 6 7 8

Before we move on to quick maths, I would like you to solve the following matchstick problem.

Move three matchsticks to make three squares.



Once finished, you can open your purple maths practice book. Below you will find a maths warm-up sheet which includes exercises of variable difficulty. The ones at the top are the easiest while the bottom ones are the most challenging. You do not have to solve them all, but make sure you challenge yourself.

Now you can have a 5-minute break.

Welcome back. Yesterday, you have heard a story about a mighty and noble Greek hero and his adventures.

I would like you to spend the next 5-10 minutes, retelling what you remember about Theseus to one of your parents.

Once you are finished, please explain to your parent what is a fraction and what is a decimal fraction (you can use the measurements of your desk and dining table as an example). Afterwards, explain how you have added 22 logs to Euphonious's stock (use the picture in your Main Lesson book).

You can spend 5-10 minutes on that.

Now I would like you to carefully study the following:

As you know, here in Australia we use a **METRIC** measuring system. This system is used in most countries of the world and is based on number 10 (decimal-based system).

Below you will see what names are used to describe units of different size. Same 6 names are used for length, weight and volume. Even though most of these names are not used in everyday calculations, I would like us to practice and become comfortable in using them.

Length

Milli – means 1000 in **Latin**. 1000 **millimetres** make 1 metre

Centi – means 100 in **Latin**. 100 **centimetres** make 1 metre

Deci – means 10 in **Latin**. 10 **decimetres** make 1 metre

Deka – means 10 in **Greek**. 1 **decametre** is 10 metres

Hecto – means 100 in **Greek**. 1 **hectometre** is 100 metres

Kilo – means 1000 in **Greek**. 1 **kilometre** is 1000 metres

Weight

Milligram – 1000 milligrams make 1 gram

Centigram – 100 centigrams make 1 gram

Decigram – 10 decigrams make 1 gram

Decagram – 1 decagram is 10 grams

Hectogram – 1 hectogram is 100 grams

Kilogram – 1 kilogram is 1000 grams

Volume of liquid

Millilitre – 1000 millilitres make 1 litre

Centilitre – 100 centilitres make 1 litre

Decilitre – 10 decilitres make 1 litre

Decalitre – 1 decalitre is 10 litres

Hectolitre – 1 hectolitre is 100 litres

Kilolitre – 1 kilolitre is 1000 litres

As you can see from the examples above – every new line increases the value by the power of 10, meaning that centimetre is 10 times larger than millimetre and decimetre is again 10 times larger than centimetre, and so the same pattern continues.

Now I would like you to open your Main Lesson book and carefully copy all three tables (length, weight and volume).

Your heading at the top of the page will be:

The metric system is a decimal-based system of measurement

You can spend 30 minutes on this task.

Once finished, you can play the recoding named **The second story by the fire**, or, alternatively you can find it attached below:

The second story by the fire

Once Euphonious and his son have added the 22 logs into their storage sheds it was already late evening, so once more they lit a fire and the old man continued on his story about the noble and just Theseus.

Before going on to Athens to make himself known to his father Aegeus, Theseus was entertained by some friends of his who had been to Troezen and knew him as the grandson of Pittheus but did not know that he was the son of Aegeus. When they heard that Theseus intended to visit King Aegeus they gave him a long robe to wear.

When Theseus reached Athens he found that a new temple of Apollo was being built in the city. He strolled over to watch the work. A group of masons working on the roof, seeing his long robe and carefully plaited hair, mistook him for a girl, and began to shout after him.

“What are you doing walking about without anybody to look after you? A big girl like you ought to know better.”

Theseus did not reply. He had already noticed the masons' ox-drawn cart standing in the street. He walked unhurriedly to it, unyoked the oxen, and tossed one of them into the air—about as high as the roof of the temple. Not surprisingly, the masons stopped taunting him.

While Theseus had been growing up in Troezen, his father, unaware of his existence, had given refuge to the sorceress Medea after she had fled from Corinth. Medea

now hoped that by her magic spells she could persuade Aegeus to make her son Medos his heir.

When Theseus arrived in Athens, Medea knew at once who he was. She managed to convince Aegeus that this newcomer had come to Athens to assassinate him. Theseus, worried by the cool way in which Aegeus received him, did not immediately let his father know who he was.

Medea persuaded Aegeus that the simplest way to dispose of this dangerous assassin was to poison him. She was a skilled hand with poisons.

“Invite this young man to the palace and drink a toast to him,” she told Aegeus. “I will put aconite into the cup of wine from which he will drink in response.”

All went as Medea had planned until, just as Theseus raised the cup of poisoned wine to his lips, Aegeus suddenly noticed the ivory hilt of Theseus’s sword and recognized it as the one he had buried under the rock all those years ago. With a swift gesture he knocked the cup away from the lips of the son he saw for the first time and whom he now affectionately and gratefully embraced.

Aegeus gave a great feast for his son and newly proclaimed heir. Tales of the deeds performed by Theseus during his journey from Troezen to Athens were told over and over again. Theseus’s deeds were compared with those performed by Herakles himself.

Medea had been afraid that Theseus might draw his sword with the ivory handle and kill her. So she hid

herself in a magic cloud. But neither Theseus nor his father wanted revenge. Aegeus gave her an escort and urged her to leave the city. In any case it was no time to be bothering about Medea. There was a more threatening danger to think about.

It came from Pallas, the brother of Aegeus. As the years had gone by and Aegeus had failed to produce a son, Pallas, who had produced fifty giant sons, felt sure that he had only to wait for the throne of Athens to pass to his clan, the Pallantids. Now there had arrived this young upstart whom Aegeus had proclaimed to be his heir. The Pallantids decided to go to war.

Pallas himself, with twenty-five of his sons and many retainers, advanced against Athens, expecting that Aegeus and his men would march out to meet them. The other sons and their following waited in ambush. Fortunately Theseus was warned of the ambush by a herald of a clan that was supposed to be an ally of the Pallantids. Theseus was able to cut the ambush to pieces and Pallas retreated with his twenty-five remaining sons.

Theseus decided that his defeat of the Pallantids was not enough to impress Athens with his strength. He knew that there were many Athenians who still sympathized with Pallas, and he felt that it was imperative for him to prove himself a true Hero of Hellas. As it happened, a task was ready to hand.

One of the Labors of Herakles had been to capture a great white bull that was ravaging Crete, killing many of

the people. Eurystheus, the King of Tiryns, whom the Olympians had condemned Herakles to serve for 99 months, had ordered him to bring the savage bull from Crete to Tiryns. Herakles had succeeded in doing this, but Eurystheus stupidly let the bull loose again. It had ravaged the country around Argos, until finally the Argives had managed to drive it over the isthmus into Attica, where for some time now it had been killing many people and spoiling the crops on the plain of Marathon.

When Aegeus learned that his son and heir was set upon ridding the people of Marathon of this menace, he begged him not to attempt so rash a deed.

“Suppose it gores you to death. What will happen to me?”

“It will not gore me to death,” Theseus replied confidently. “What Herakles once did I can do again. I overcame greater dangers on the way from Troezen, wearing your sandals and carrying your sword.” And Aegeus realized that nothing he could say would change his son’s mind.

On his way to Marathon, Theseus rested for a while in the hut of a poor old woman. Hecale, as she was called, was so old that Theseus seemed to her only a small boy. Theseus was not offended when she treated him like a child, but he thought that it would be as well if he told her what had brought him to Marathon.

“You are going to fight with that dreadful bull?” she gasped. “What can I do to stop you?”

“You will not stop me from trying my strength with the Marathonian bull,” Theseus told her.

“All I have in the world is one ram, but if you come back safely I shall sacrifice it to Zeus to give thanks.”

It is sad to know that when Theseus did come back safely the old woman was dead, but he was so grateful to her that he instituted annual rites in honor of Hecale and of Zeus; these were still being performed in Athens when the great battle of Marathon was fought many hundreds of years later.

We do not know the details of the struggle between Theseus and the savage white bull, only that Theseus succeeded in capturing the bull, bringing it to Athens, and dragging it up the steep path to the Acropolis, where he solemnly sacrificed it to Apollo.

Nevertheless, in spite of the feasting, a gloom was casting its shadow over Athens. The reason for this was that the time was fast approaching when a tribute of seven young men and seven young maidens would be demanded by the merciless King Minos of Crete.

The next morning, a customer arrived and was willing to purchase 2 bundles of kindling, 2 bundles of 10 pieces each of chopped wood and 1 bundle of 10 round logs.

Euphonious looked at the numbers on his shed and realised that he needed to chop some logs in order to have enough chopped pieces for his customer. Once the transaction was completed and customer had left, Euphonious changed the numbers on some sheds.

How did those numbers change?

Remember that the **Tenths** shed only held 9 pieces of chopped wood and the box for kindling named **Hundredths** could hold only 9 bundles of 10 pieces of kindling.

I would like you to work out the answer in your maths practice book and then copy the following and the answers into your Main Lesson book.

*The number on the 5 sheds after Euphonious added 22 round logs was:
(write the number here)*

The customer ordered 2 bundles of kindling, 2 bundles of chopped wood, 1 bundle of 10 round logs.

*The number after the customer left was rewritten to:
(write your answer here)*

Once finished, you can illustrate your page by drawing Euphonious chopping wood or serving the customer. The picture below shows you how ancient Greek villagers dressed like.

Euphonious and his son



*You can spend 30 minutes on these tasks.
Once finished, you can pack everything away.*

*If you choose to listen to the chapter book before you have morning tea, you can play the recording now, otherwise, you can cross your hands over your heart and say the **Main Lesson ending verse**.*

May wisdom shine through me,
May love glow within me,
That in me may arise
A helper of mankind
A server of holy things,
Selfless and true.

Now you may blow out the candle.

Enjoy your morning tea.