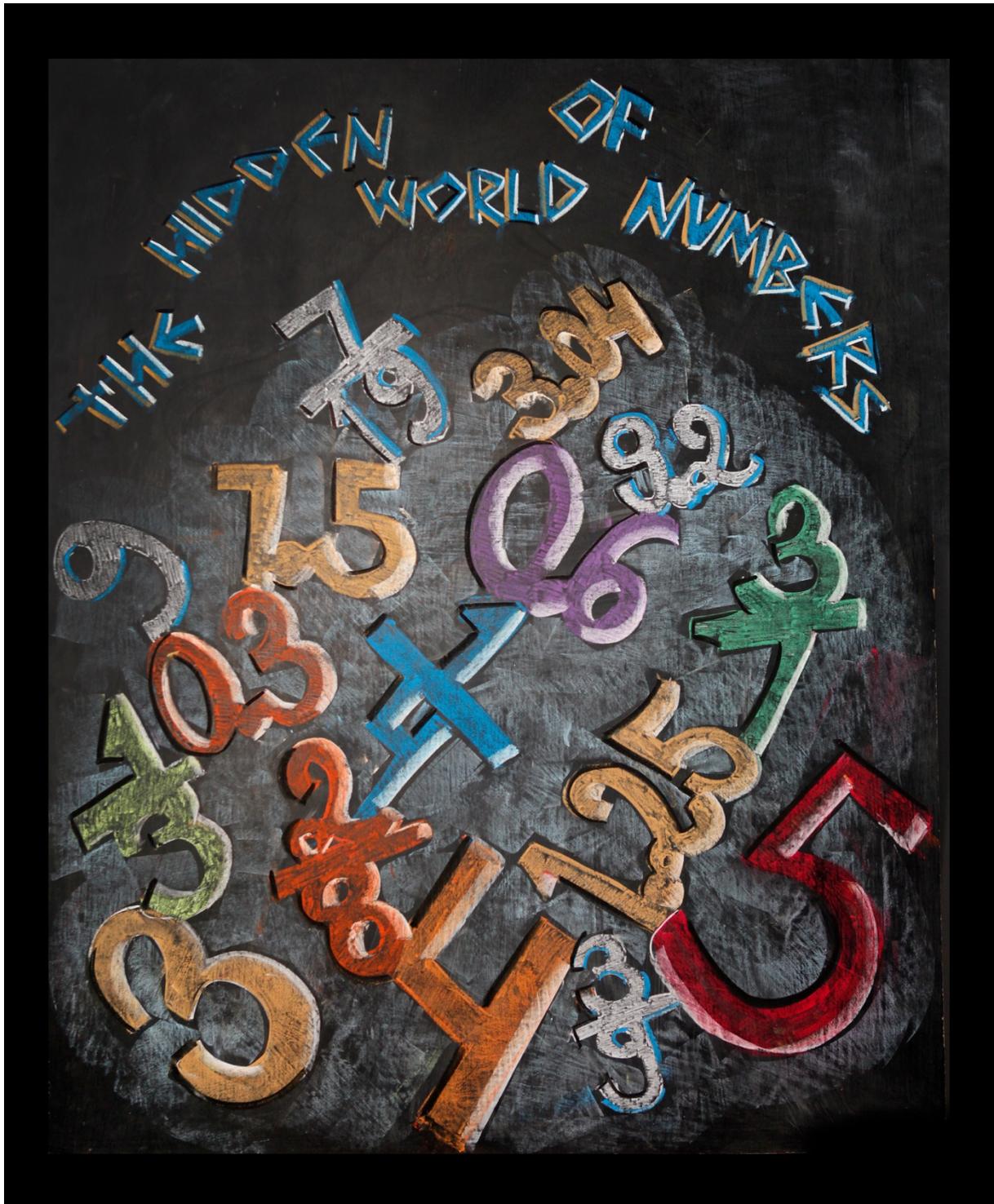


24/08/20

## 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.

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

**Peter Piper picked a peck of pickled peppers. A peck of pickled peppers Peter Piper picked. If Peter Piper picked a peck of pickled peppers, Where's the peck of pickled peppers Peter Piper picked?**

*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 repeat the Decimal point poem 3 times.

### ***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 6 Spelling list**

erosion

collision

occasionally

explosion

vision

illusion

version

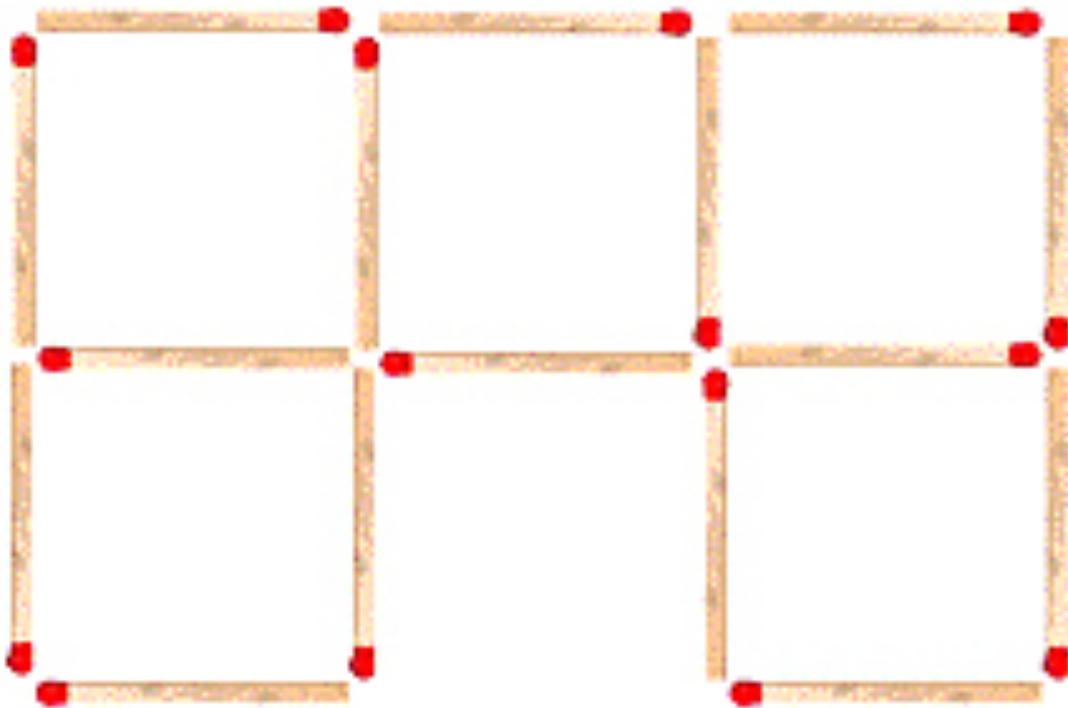
occasion

**computation**

**representation**

Today there will be Quick maths, but instead we will have a few puzzles. Before we start them, there is another Matchstick problem.

Move three matchsticks to make four squares.



**Puzzle number 1**

*The cat and the dog went for a walk. They each had their own walking pattern.*

*The dog walked 6 steps forward then went back 2 to sniff.*

*The cat walked 4 steps then paused for a lick.*

*Who had moved forward the furthest after 24 steps?*

**Puzzle number 2**



How many books does Felix have to read to meet his target of at least \$5?

***Now you can have a 5-minute break.***

*Now I would like you to go back to the webpage and play the recording named **Roderick's body percussion practice** and repeat after Roderick.*

*After the body percussion, I would like you to spend the next 5-10 minutes retelling the story about Theseus.*

*You can use the summary below to help you along.*

- ***Daedalus gives a ball of thread to Ariadne***
- ***Theseus kills the Minotaur***
- ***Ariadne leaves Crete with Theseus***
- ***Ariadne is left behind and meets Dionysus***
- ***Theseus returns to Athens***

*Once you are finished, please explain to your parent how you worked the number of nails needed to build the porch and how you calculated the overall weight and price.*

*You can spend 5-10 minutes on that.*

*Before we move on to **The fifth story by the fire**, I would like you to practice converting **common fractions** to **decimal fractions** and adding them together by using the **decimal place value chart**.*

***Convert the following common fraction pairs into decimal fractions by using short division (there is a tutorial in Week 5 Friday).***

***Draw a place value chart (attached below), place the decimal fraction correctly into the chart and add them together.***

***Convert your answer back into a common fraction (optional).***

$$\frac{2}{5} + \frac{1}{4} =$$

$$\frac{3}{8} + \frac{1}{8} =$$

$$\frac{2}{8} + \frac{3}{10} =$$

**EXAMPLE**

$$\frac{3}{4} = 4 \overline{) 3.0^3 0^2 0} = 0.75$$

$$\frac{1}{2} = 2 \overline{) 1.0^1 0} = 0.5$$

$$0.75 + 0.5 = 1.25 = \frac{125}{100} \text{ 1 WHOLE AND 25 HUNDRETHS (OPTIONAL)}$$

Hundreds	Tens	Units	Decimal Point	Tenths	Hundredths	Thousandths
		0	.	7	5	
		0	.	5		
		1	.	2	5	
			.			
			.			
			.			

First work out all the answers in your maths practice book and only then copy them into your Main Lesson book.

**Write the following in your Main Lesson book:**

*Converting common fractions to decimal fractions by using short division*

*Adding decimal fractions by using decimal place value chart*

**Write out all your calculations (and place value chart) neatly under the text as shown in the example above.**

**You can spend between 30-40 minutes on this task.**

Once finished, you can play the recording named ***The fifth story by the fire***, or, alternatively, you can read the story attached below.

### **The fifth story by the fire**

Euphonious spent the whole day assembling his porch with his son by his side and the three grandchildren passing them the nails. The building was completed just before sunset and everyone was ready for dinner and story by the fire. And so, Euphonious continued:

Theseus was not told of his father's death until he had sacrificed to the gods in gratitude for his safe return.

Theseus now succeeded to the throne of Athens. His one-time fellow-citizens of Troezen were so much impressed by his heroic deeds that they dedicated a sanctuary to him; the cost of the sacrifices was contributed by the parents of the thirteen young Athenians who had gone to Crete with Theseus and, but for him, would never have returned home alive.

Theseus proved to be a good king; upon the foundations of his wise rule the future greatness and glory of Athens were built. Until he came to the throne the various communities, or demes, of Attica had all been independent. Theseus managed to weld them together in what could be called the first commonwealth in history.

This was not the end of his adventures. He and his friend Peirithous went off to visit the land of the Amazons on the northeast shores of the Black Sea. The Amazons were a formidable tribe of women who could fight as well and as bravely as men. They received the two warriors with hospitality and friendliness and their Queen, Antiope, came on board Theseus's ship, bringing with her rich gifts. She must have had a great attraction for Theseus, because he carried her off in his ship, and when they reached Athens he married her.

The sister of Antiope, Oreithyia, was so angry at the abduction that she made an alliance with the Scythians and invaded Hellas with an army of Amazons and Scythians. The army reached Athens and there was a fierce battle on the outskirts of the city. The right wing of the Athenian

army was overrun by the Amazons, but the left wing, commanded by Theseus, drove the enemy back.

Antiope rode and fought beside Theseus until she was killed by an arrow shot by one of the Amazons. Oreithyia was so overcome by the death of her sister, whom she had supposed to be in need of rescue from an enforced and unhappy marriage, that she rode away from the battlefield to die of grief in Megara. The rest of the Amazons gave up the struggle with Athens and went back with their allies to settle in Scythia.

Some years later Theseus married Phaedra, the younger sister of Ariadne. By her he had two sons, Demophoön and Akamas. He already had a son, Hippolytus, by Antiope. He was anxious that either Demophoön or Akamas should inherit the throne of Athens, and that Hippolytus should one day become King of Troezen, where he himself had been born and spent his youth. So he sent Hippolytus to Troezen, where he was warmly welcomed by King Pittheus, who at once adopted him as his heir.

Hippolytus had been taught by his mother to venerate the virgin goddess Athene, and he dedicated to her a temple in Troezen, near the gymnasium, where he spent much of his time training himself to become as great an athlete as his father.

The goddess Aphrodite was jealous of her Olympian sister Athene, who was inclined to be both critical and superior. When this handsome youth dedicated a temple

to Athene, Aphrodite resented it and decided to show her own power. So she made Phaedra fall in love with Hippolytus. Soon afterward, Hippolytus stayed in Athens after attending the Mysteries at Eleusis, at a time when Theseus was away. Phaedra wrote to Hippolytus begging him to go away with her while Theseus was absent. Hippolytus was horrified. He went to his stepmother's room to burn the letter and to reproach her. Phaedra, who was really mad with love, left a letter accusing Hippolytus of making love to her, and then hanged herself.

The news of this tragedy was brought to Theseus, who cursed his son and forbade him ever to come near him again. Hippolytus set off for Troezen in a four-horsed chariot but, as he was crossing the Isthmus, a monster appeared out of the sea. The horses panicked. Hippolytus lost control of his chariot, was flung out, became entangled in the reins, and was dragged along until he crashed into a rock by the roadside and was killed.

Only then did Theseus learn, from Athene, that Hippolytus was innocent of any offence. He was overcome with guilt and remorse at the thought that his curse had been responsible for the death of his son.

Perhaps Theseus's mind was affected by the dreadful fate of Phaedra and Hippolytus. At any rate, he fell in with a suggestion by his companion-in-arms, Peirithous, that they should go to Sparta and kidnap Helen, the daughter of Leda by Zeus and sister of the Heavenly Twins Kastor and Polydeukes. It is difficult otherwise to

account for the folly of one who had hitherto ruled Athens so wisely and so well. The kidnaping of Helen was to start a fatal rivalry between Athens and Sparta that endured for hundreds of years.

Before they set out on their mad enterprise, the two friends agreed on oath that if they succeeded in kidnaping Helen they would draw lots to decide which of them should marry her when she was old enough. They also agreed that the winner would help the loser to wed another of the daughters of Zeus. They succeeded in stealing Helen from the temple of Artemis in Sparta and in evading pursuit by her brothers. Theseus was the winner when he and Peirithous drew lots. Knowing that the Athenians would resent his incurring the enmity of Kastor and Polydeukes, he hid Helen in a village in Attica, where his mother Aethra looked after her.

Helen remained successfully hidden away in that village until she was old enough to be married. She was now of the greatest beauty; indeed, she was soon to become the most beautiful woman in Hellas.

And this is where Euphonious ended his story. The next morning he was quite pleased with the result of his porch, but as he was inspecting it, he realised that in order to keep the dirt out of his house, he needed to build a pathway from his front door to his woodchopping spot. After measuring the distance, he decided that his pathway will be 16 metres long and 1 metre wide. Now the last thing he needed to work out was how many pavers would he require to tile the whole path. Euphonious's neighbour was a stonemason and he made to types of pavers. One was 40 cm by 60 cm, while the other - 40 cm by 50 cm. As he sat there looking at his path, Euphonious was wondering which pavers should he buy and how many would he need.

**Your task will be to help Euphonious to decide which pavers to use and how many will he need.**

**In your Main Lesson book, I would like you to write the following:**

*Euphonious's pathway was 16 metres long and 1 metre wide*

*He chose to use pavers which were....., because (explain why)*

*He will need to buy.....pavers. (show how you got the answer)*

Place your answers where the dots are. Make sure to copy your calculations as well, as I would like to see how you worked it all out.

Tip: Converting the dimensions of the pathway to centimetres will help you with calculations.

**Once finished, you can illustrate the page by drawing Euphonious and his family working on the path.**

*You can spend about 40 minutes to an hour on these tasks.*

*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.***