

the
**SUNDAY
TIMES**

SUNDAY
MAY 1, 2022

FUN DAY TIMES



Happy to be in School

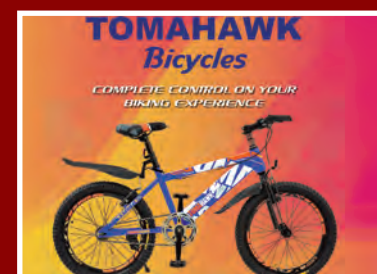
Pic. by M. D. Nissanka



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Please send competition entries to:

Funday Times
C/O the Sunday Times
P.O. Box 1136, Colombo.
Or
8, Hunupitiya Cross Road,
Colombo 2.

Please note that competition entries (except Reeves Art) are accepted by email.

Please write the name of the competition and the date clearly at the top of your entry and include the following details:

Full Name (including Surname),

Date of Birth, Address,

Telephone No. and School.

Please underline the name most commonly used.

All competition entries should be certified by a parent or guardian as your own work.

Competition entries without the full details requested above, will be disqualified.

Closing date for weekly competitions:

May 18, 2022

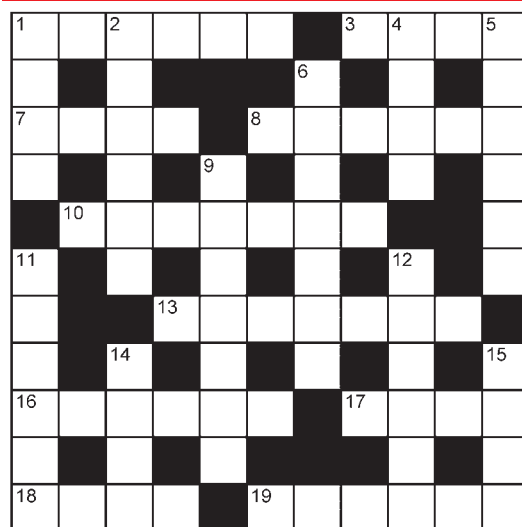
Telephone: 2479337/2479333

Email: fundaytimes1@gmail.com

NOTE

Please log on to the Funday Times website on www.fundaytimes.lk or check out the Sunday Times epaper on www.sundaytimes.lk for additional pages of this week's Funday Times.

Junior Crossword – No. 967



Across

- 1 Lifted up
- 3 Prisoner's room
- 7 Not any
- 8 Lump of gold
- 10 A small skin mark caused by the sun
- 13 Drink containers
- 16 Salt and _____
- 17 Baby horse
- 18 Head-lice eggs
- 19 A river crossing

Down

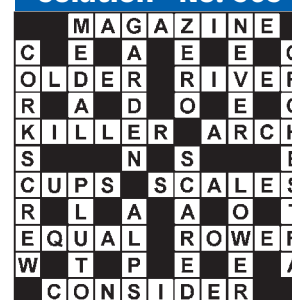
- 1 Wear this on a finger
- 2 Take no notice of
- 4 Use these in omelettes
- 5 A written communication
- 6 Gun ammunition
- 9 A month
- 11 Occur
- 12 Silver medal placing
- 14 Small round mark
- 15 A primary colour



Please enter your full name, date of birth, home address, mobile number and school.

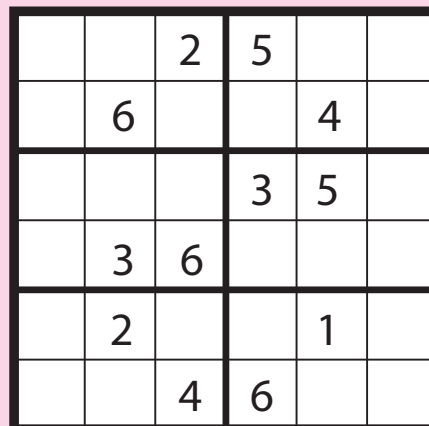
All entries must be certified by a teacher or parent as your own work.

Solution - No. 965



Aradhith Abeyratne,
Colombo 6

Sudoku 328



Compiled by Peter Fernando

1. In the large square you can see three features:

Vertical columns

Six vertical columns with six small squares in each column.

Horizontal columns

Six horizontal columns with six small squares in each of them.

Grids

Six boxes or grids with six small squares in each of them.

2. Insert Nos. 1, 2, 3, 4, 5 and 6 in the small squares in a way so as not to repeat the same number twice.

Now try to complete Junior Sudoku 328 using logic and reasoning. This is a good exercise for your mind.

Solution – No. 326

4	1	5	3	6	2
2	3	6	4	1	5
5	2	3	1	4	6
6	4	1	2	5	3
3	5	4	6	2	1
1	6	2	5	3	4

Happy Birthday

Photographs of members and non-members between 4 - 15 years, for the birthday page, should reach us at least ten days before the birthday, along with a letter from a parent giving full details.



Vineth Ranasinghe
5 years on April 28



Aflal Ahamed
9 years on April 17



Mikhdad Ahamed
4 years on March 12

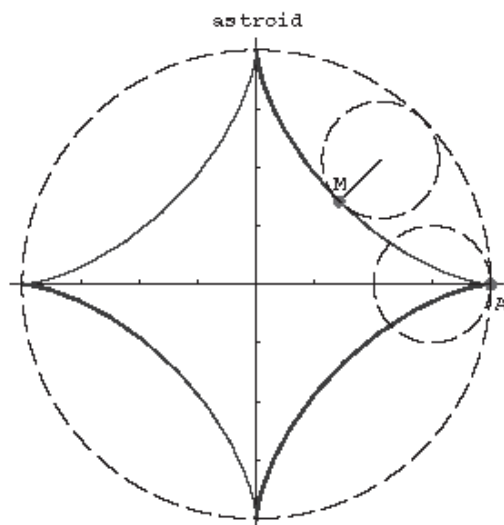
Maths in Action 64

By R. N. A. de Silva

What is an Astroid?

Astroid is not the same as an asteroid. Asteroids are rocky objects revolving around the sun that are too small to be called planets. They are also known as planetoids or minor planets. There are millions of asteroids, ranging in size from hundreds of miles to several feet across.

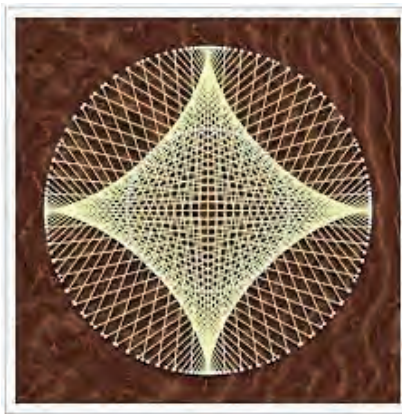
However, Astroid is a mathematical curve. It is a path or locus of a point on a circle as it rolls inside a fixed circle with four times the radius, as shown in the diagram below.



This curve was first studied by the Danish astronomer Ole Romer in 1674, in his quest for gear teeth with more useful shapes. Swiss mathematician Johann Bernoulli started studying its properties in detail in 1691.

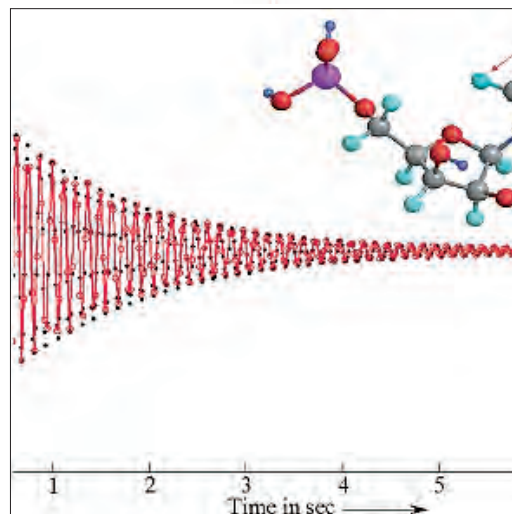
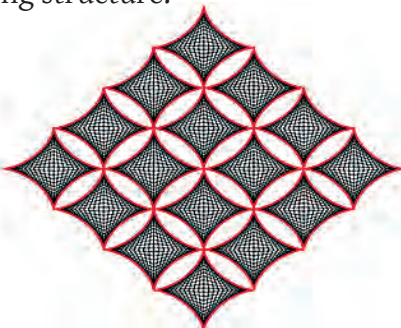
It is now known that it has the equation $x^{2/3} + y^{2/3} = R^{2/3}$ where R is the radius of the fixed outer circle.

The radius of the moving inner circle is $R/4$ as the outer circle is four times the diameter of the inner circle. The length of the curve or the perimeter is $6R$.



It is notable that the perimeter has no dependence on π , although circles are involved in obtaining the curve. The area is $3\pi R^2/8$.

In Physics, the Stoner-Wohlfarth astroid curve is used to characterize various properties of energy and magnetism. It is also used in the design of mechanical roller clutches providing a strong structure.



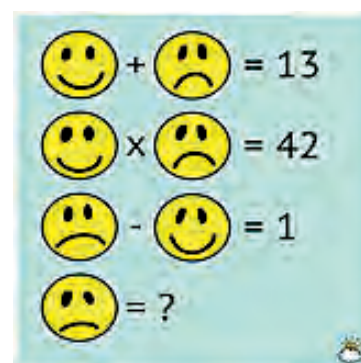
Math Plot - 64

Try to find the solution to the following puzzle. You may send solutions with reasoning to

ndesilva@osc.lk

within the next three days.

Please include your full name, date of birth, home address, contact details and the name of your school along with the solution.

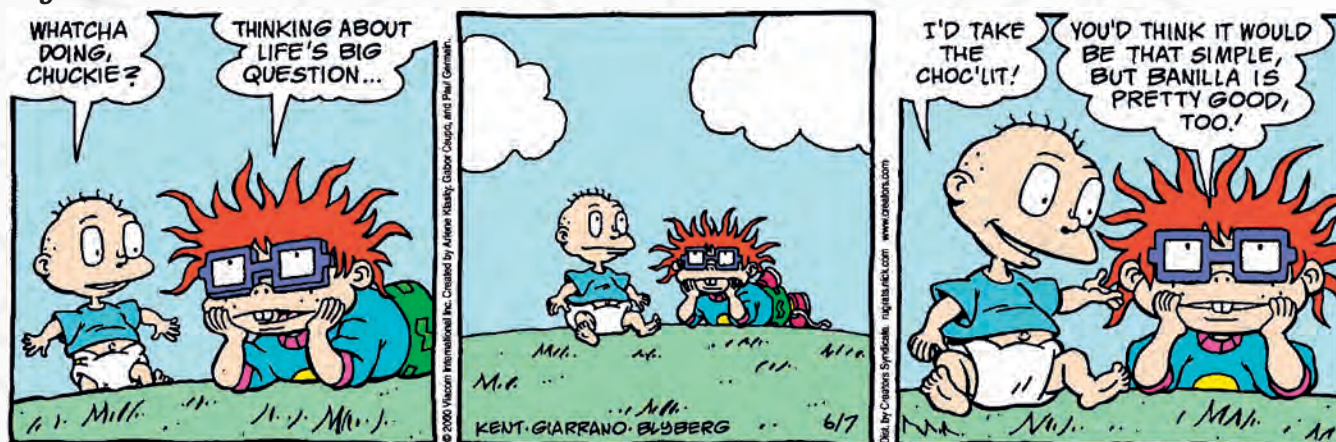


Math Plot 63 – Solution

The answers are 3.5 and 4.5 in the first row and 9.5 and 3.5 in the second row.

The winner is Asma Ismath of Naleem Hajiar Ladies College, Beruwala. Congratulations!

Rugrats



Jokes

What is the strongest creature in the ocean?



Mussels

What sits in a corner and travels all over the world?



A stamp!

Tomahawk

Quiz No.195

Questions for the Tomahawk Quiz No. 195 are based on articles appearing in the Funday Times of April 3, 10, 17 and 24, 2022.

All you have to do is to find the answers to the questions given. Write the answers neatly on a postcard. Cut the strip 'Tomahawk Quiz No. 195' seen at the top of this page and paste it on your postcard. Please get your entries certified as your own work by a teacher or parent.

One lucky winner will receive a brand new Tomahawk Mountain Bike with the compliments of Tomahawk Bicycle Mall

All Funday Times readers between 8 – 15 years are eligible to participate.

(Those who have already won a bicycle are not eligible to participate.)

Closing Date: May 31, 2022

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QUESTIONS – QUIZ NO. 195

- Which species of animal do dogs trace their origins to?
- Name two famous paintings by Leonardo da Vinci.
- What is considered the most important event in the Christian calendar?
- Name the World Heritage Site in Australia that officially has a dual place name.
- What is the scientific name for the Bobcat?

Win super books from



Age: 9 years and below

Word Count: 150

Topic: My favourite leisure time activity

Win: Puzzle for the Secret Seven by Enid Blyton

The Seven see a home going up in flames and are determined to help the family who lived there. But the fire is not the only surprising event. Soon a very valuable violin is stolen.

Could the two incidents be connected? The friends mean to use all their detective skills to find out.



Age: 10 – 12 years

Word Count: 150 – 200

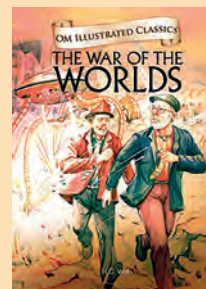
Topic: My best friends at school

Win: The War of the Worlds by H.G. Wells (OM Illustrated Classics)

The inhabitants of Mars have attacked Earth! It's pandemonium everywhere, as the dreaded aliens unleash their fiery power.

Nobody realizes that the world, as they know it, is coming to an end when a flaming spaceship hits the earth and out come strange creatures ready to devour everything in their path.

Can the world be saved at all? Find out as you read the thrilling story of the time when two worlds fought the most destructive war ever.



Age: 13 – 15 years

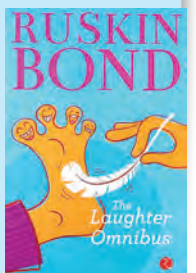
Word Count: 200 – 250

Topic: What you know about May Day

Win: The Laughter Omnibus by Ruskin Bond

In this rib-tickling anthology, Ruskin Bond brings together funny stories, humorous articles and comic verse.

These hilarious encounters written by renowned humorists such as Stephen Leacock, Jerome K. Jerome and of course Ruskin Bond himself, are guaranteed to make you smile, chuckle, snort, giggle and laugh out loud.



Write at the top of your Essay

Book Competition Essay Topic

9 years and below

How I celebrate the Sinhala and Tamil New Year
Esandi Ranasinghe
Musaeus College, Colombo

Book Competition

10 – 12 years

An Avurudu Festival I have been to
Omalya Senarathne
Lyceum Int. School, Nugegoda



From our Young Reporters

Story of a stamp

Have you ever collected stamps? Have you ever wondered about the story behind them?

Sir Rowland Hill of England was the person who came up with the idea of the stamp. Early stamps were made by a rubber hand-stamp and ink. It was done to simplify the postal system. The first stamp in the world was the 'Penny Black'.

Every stamp has a picture on it and every picture carries a story.

This is the story of a Sri Lankan stamp issued in 1995. The value of it is 1 rupee. The stamp shows one of the oldest maps of Sri Lanka.

The map was done 700 years back, in 1378. It was made by Ptolemy.

Ptolemy was a Roman astronomer and a mathematician. He wanted to make a world map, but there



The stamp



Ptolemy

were no computers or satellites 700 years ago.

So, he collected information from sailors. It was very difficult and took years to complete. In his map we can find Sri Lanka also.



The map

Even though there are some mistakes, the map is mostly correct.

In the map	In reality
Sri Lanka is a big island next to India	Sri Lanka is a small island next to India
The name of the country is Taprobana	Sri Lanka was called Taprobane a long time ago
There are hills and mountains in the middle	Sri Lanka has a central hill area
There are many rivers which start from the mountains	The rivers start from the central hill area
The names of the cities are, Anurogammi, Nagadibi	The current names of the cities are, Anuradhapura and Nagadeepa

So, this is the big story behind the small stamp.

Mumudi Gajadeera (9 years)
Horizon College Int., Malabe

Happy Birthday to one of the most admired women in the world!



The birthday of Queen Elizabeth II was on Thursday April 21. She is the longest reigning queen in world history. Queen Elizabeth broke her great-great-grandmother, Queen Victoria's record which lasted for 63 years and 216 days on September 9, 2015.

Elizabeth was never supposed to be the Queen of England. But after the death of her father (Albert, who reigned as King George VI), she had a duty for life and to this day, she is still queen, being an example to all the young girls and women out there.

Although Queen Elizabeth's personal birthday is on April 21, she'll have a second, in June, for what is regarded as

the sovereign's official birthday. The two birthdays' tradition for monarchs began with King George II back in 1748.

Queen Elizabeth, after becoming queen, proclaimed that she would dedicate her whole life, whether it be long or short, to the service of the community of the Commonwealth.

She is considered to be a powerful leader, who played her part and contributed to her people. Even through crisis and sadness she kept the faith and believed she must do her duty.

Happy Birthday to the Queen!

Vilara Wijenayake (14 years)
Royal Int. School, Kurunegala

Elon Musk to buy Twitter

April 26, 2022

Billionaire Elon Musk is to buy the social media platform Twitter for £34 billion.

Musk is the CEO of Space-X and electric car company Tesla and is believed to be the world's richest man. He made the bid to take over Twitter less than two weeks ago.

Mr. Musk says he wants to make changes to the social media platform including relaxing content restrictions.

He also said he wanted to do more to get rid of fake accounts and spam bots — automated programs that pretend to be real accounts and spread junk content.

CBBC Newsround



Endangered Red Wolf pups born in the wild

April 26, 2022

The US Fish and Wildlife Service (FWS) announced that six red wolf pups had been born in the wild.

That's great news for endangered red wolves, and marks the first time these pups have been born in the wild since 2018. The litter of six pups was found in North Carolina's Alligator River National Wildlife Refuge. Two of the pups are males and four are females. Since only 15 to 17 red wolves are still living in the wild, having six new wild-born pups is a huge deal.

NewsForKids



Six new species of frogs discovered

April 26, 2022

Scientists have discovered not one — but SIX — new frog species living in the Mexican forest.

Some of the frogs are so tiny, they're smaller than the size of a one penny coin!

Experts say that the reason they've only been found now is that they've previously been confused with other frogs that are closely related to them.

They also believe that all six species should be listed as being endangered so that they can be better protected whilst more information is gathered on them.

Six new species of Craugastor frog were discovered living in a variety of habitats across Mexico, bringing the total number of this group of frogs to 12.

Some of the frogs found were only 11 to 13 millimetres long — and experts believe they could be the smallest frogs that live in the country.

This part of Mexico sees many frog species living side by side so these tiny new frog species may have been mistaken as being babies of larger frog species.



These are some of the world's smallest frogs that have ever been found!

However, even though these frogs may be small, they face big threats including habitat destruction and disease which is why experts want them protected.

While these newly discovered frogs are tiny, they're not the current record holders for the smallest amphibians.

That title belongs to a frog called *Paedophryne amauensis*, which was found in Papua New Guinea in 2012 and is only seven millimetres long!

Did you know?

Even though frogs have lungs, many actually breathe through their skin! It's very thin, and means that oxygen can get in when the frog is underwater.

CBBC Newsround

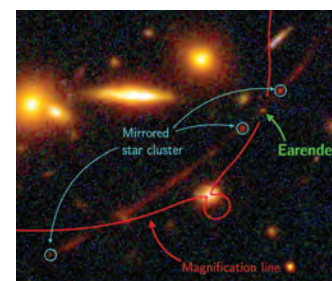
Hubble Space Telescope detects most distant star ever seen

April 25, 2022

The Hubble Space Telescope's record of impressive celestial finds continues. On March 30, 2022, scientists announced that the powerful astronomical observatory had detected the light of a star located about 28 billion light-years away — making it the farthest individual star seen to date.

The ancient star is believed to have formed within a billion years after the universe's birth during the Big Bang. However, it is not the oldest star ever to be discovered. That honour belongs to a star dubbed Methuselah, which is believed to date back an astonishing 14.5 billion years, or about the same age as our universe.

The team, led by Brian Welch, a doctoral student at Johns Hopkins University, has nicknamed the distant star Earendel, an old English word for "morning star" or "rising light." They estimate it was between 50 and 500 times as massive as our Sun and millions of times as bright. The researchers' calculations indicate that Earendel's light took 12.9 billion years to reach Earth.



DOGO News

April 26

News in Pictures



Peja, Kosovo

Anastasiia Minchukova lays a mine detector during a specialist training session for six Ukrainian women in explosive ordnance disposal.



Uzhhorod, Ukraine

A woman says goodbye to her husband before he leaves for the frontline.



Des Moines, USA

Bam Bam sits on the throne after being crowned the winner of the annual Drake Relays beautiful bulldog contest in Iowa.



Charlestown, England

The coffin of 96-year-old World War II serviceman and Royal British Legion fundraiser Harry Billinge is carried into St. Paul's Church in Cornwall. Billinge was 18 when he was one of the first British soldiers to land on Gold Beach during the Battle for Normandy and was one of only four survivors from his unit.



Chessington, England

Western lowland gorilla Shanga cradles her newborn infant, whom she gave birth to in the early hours of Sunday morning.

April 25

Paris, France

People gather at the foot of the Eiffel Tower, Champ de Mars, to celebrate Emmanuel Macron's victory in the French presidential election.



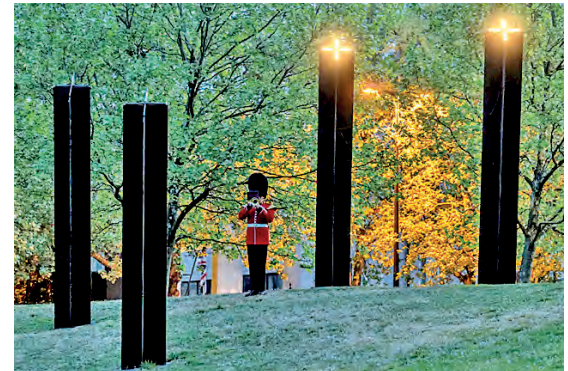
Kharhiv, Ukraine

A woman and her children rest at a train station. Residents of Ukraine's second-largest city have been forced to adapt to a new life underground amid the constant threat of Russian aerial attacks.



Rome, Italy

People take part in a rally in Rome celebrating the 77th anniversary of the liberation of Italy. The event commemorates the end of Nazi occupation of the country after World War II.



London, UK

The Last Post is played to mark the end of a dawn remembrance service to mark Anzac day at the New Zealand war memorial.

Source : The Guardian