


PUZZLE 743
1.Find the probablity of selecting a square
number amons first 1000 natural numbers?

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## EACE TOFACE



Can you identify the person in the picture? The Oscar-winning actor rescued a man from a burning vehicle after it crashed near his home in California on
Monday. Send in your answers to school @thehindu.co.in Monday. Send in your answers to school@thehindu.co.in
with the subject: Person. with the Subject: Person.
Yesterdays answer: Mohamed Nasheed
Vishas Bidar, sent the correct answer. Congrats!

## QWIKIPEDIA

## What is Qwikipedia?

Ever been on Wikipedia to look up an article? More often than not, we
start with one topic, click a few link start with one topic, click a few
and within no time are reading about something else. Qwikipedia is a game that tries to quench this curiosity in us. The
objective is to get to a particula Wiki page, starting from a specific article, using minimal clicks. There is no single correct answer, so we
might surprise ourselves by finding might surprise ourselves by findin
new routes each timel Thursday's Trekker Zinnia -> Lead Zinnia
U.S. astronaut Scott Kelly tweeted a photo of one of the orange flowers,
writing: "First ever flowe space makes its debut." " Yes, Zinnia a bright coloured flower species belonging to sunflower tribe, has
had the uniqe had the unique honour of becoming
the first flower to grow in ISS. Thei the first flower to grow in ISS. Their
distinctive features include solitary flowering on long stems in a variety of bright colours. Named after German botanist Johann Gottrried
Zinn, they are widely found in Zinn, they are widely found in
Mexico, other South America countries and Southwestern United States.
Southwestern United States The Southwestern United States constitutes Arizona, California,
Colorado, Nevada, New Mexico Oklahoma, Texas and Utah. The geography of the region is mainly made up by four features: the Mojave, Sonoran, and Chihuahuan
Deserts, and the Colorado Plateau athough not called a desert, the
of high desert. Within the Southwes U.S. region, the Colorado is bordere
to the east by the Rocky Mountain to the east by the Rocky Mountains
and the Llano Estacado. TThe Platea is characterised by a series of plateaus and mesas, interspersed
with canyons, including the Grand with canyons, including the Grand
Canyon.


## Painting maestros in the making

Corner Stone's annual art exhibition is a stunning reminder of how compositions by children are remarkably enduring, writes Arathi M

P.D. Paul (fourth from the left, back row) with his students Sneha Krishnan,
Nripan Babu, Aradhana, N. Anthara and N. Kerthi Priyanka at the exhibition Nripan Babu, Aradhana, N.
PHOTO: SPECIAL ARRANGEMENT

Painting exhibitions are sur-
real. Most are forgettable real. Most are forgettable,
many are good and very few
stay with you for a long while. many are good and very few
stay with you for a long while.
The 'Sprouts 2016' collection at the Vinnyasa Premier Art
Gallery by five students Gallery by five students is a
stunning reminder of how stunning reminder of how
compositions by children are remarkably enduring. The th edition of the an-
nual exhibition organised by nual exhibition organised by
Corner Stone an art school Corner Stone, an art school
run by P.D. Paul, has Sneh run by P.D. Paul, has Sneha
Krishnan, Nripan Babu Krishnan, Nripan Babu,
Aradhana, N. Anthara and N. Keerthi Priyanka display
their creations. The divers their creations. The diverse
and imaginative topics on and imaginative topics on
which they have based their which they have based 'heir
works range from 'Joy' works range from 'Joy,
'Breathing Landscapes', 'Sea-
sons', 'Colours of a rainbow' sons', 'Colours of a rainbow'
to 'Culture of Kerala'. to 'Culture of Kerala'.
The exhibition, which inaugurated on January 12 by Justice T. Raja of the Ma-
dras High Court, will run on dras January 22. The prepara

66 Some people ost their paintings during the flood and had to rework them all over again 99 tion for the exhibition was no easy task, says Paul. "Some during the flood and had to There was a time again There was a time when hought we would have to cal
off the exhibition. But everything worked out and this year's collection is better than that of the last year miles the happy teacher. It is the first time many of works. An excited Sneha, a class VIII student at Chettinad Vidyasharam, said, "I started working on the paint-
ings by mid-October and fin ings by mid-October and fin-
ished them by December. My topic 'Joy' portrays the hap-

## Extinct crustacean was all eyes

PARIS: A tiny but scary-looking marine
critter that died out with the dino- 66 It is clear that its critter that died out with the dino
saurs, caught prey with the aid of two monstrous eyes -- each a quarter of its body length, scientists said Tuesday. The giant peepers were composed of 18,000 lenses each --a record only ever surpassed by modern-day drag-
onflies, a team wrote in the science journal Nature Communications. The sophisticated organs belonged to Dollocaris ingens, an extinct ar thropod which lived about 160 million years ago, during the Jurassic geolog-
ical period better known for the rise ical period better know
and fall of the dinosaurs.
An arthropod is an animal with an exoskeleton and segmented body -- in cluding groups like today's insects spiders and crustaceans.
D. ingens, a swimmer, would have
had a crab-like shell, with three pairs of clawed, segmented legs with which to catch tiny shrimps, and eight pairs of stubby swimming appendages. It would have been about five to 20
centimetres (two to eight inches) long, It would have been about five to 20 co-author Jean Vannier from France's
huge, panoramic, multifaceted acute eyes were crucial to scanning its environment and to detecting potential moving prey 99
and each eye about a quarter of that. For the study, experts used specia
microscopes and scans to examine fos silised D. ingens eyes dug up in south east France. preserved samples of internal eye The first compound eyes, made up The first compound eyes, made ants, are thought to have appeared in the Cambrian period some 500 mil mal development revolutionising aniiversity of Lyon.
piness I see around me. For Anthara, the inspiration was her homeland Kerala. "I was a nervous wreck before the inauguration, but
as soon as I got to the part as soon as I got to the part
where I had to explain my work to the people, I became more confident and calm," said the class VII student at
SBOA School. The youngest SBOA School. The youngest
among the exhibitors is Aradhana, a class III student at PSBB Millennium School, whose topic is 'Colours of Rainbow'.
The exhibition has provided an opportunity to this tal-
ented lot to display their passion and they are thankful for it. "Paul sir, our parents and all the visitors praised ur paintings and as artists of our work now," concludes Sneha.
The exhibition is on till Ja nuary 22 at Vinnyasa Premier Art Gallery, 21/11, First Main road, CIT Colony, My-
lapore. Timing: 11 a.m. to 7 p.m.

"To see and be seen changed every more effective hunter woule more effective hunter, while prey be-
came more easily detectable," explained.
"All this led to a new dynamic -- for
some to better protect themselves for some to better protect themselves, for others to become better at detection, and new evolutionary pressures."
Their examinations confirmed tha C. ingens was a "visual hunter," said Cannier.
Its eyes shared features with those of modern-day insects and crustaceans.
It is clear that its huge, panoramic,
multi-faceted acute eyes were crucial to scanning its environment and to detecting potential moving prey," th study authors wrote.
It was probably not a very dexterous
swimmer, and more likely an "ambush predator" pouncing on prey from a concealed position.
While this line of animals disappeared, its eye type continued inde

An arthropod is an animal with an exoskeleton and segmented body -- including groups like today's insects, spiders and crustaceans.
wimmer would have had a crab-like shell, with three pairs of clawed, segmented legs with which to catch iny shrimps, and eight pairs of stubby swiming appentag.

Dollocaris ingens, an extinct arthropod, had 18,000 lenses in each eye - a record only ever surpassed by modern-day dragonflies


VISUAL HUNTER An artist's reconstruction of a Dollocaris, of the Jurassic seas. PHoto: AFP

