



### Fun facts

#### A shrimp's heart is in its head.

Shrimps are crustaceans. According to the anatomy of a shrimp, its heart is located in its thorax just at the bottom of its head. Since the head and the thorax, which is the chest, are fused together, a shrimp's thorax looks like a part of its head.

#### Q: Do shrimps have blood?

A: They have what is called haemolymph, a fluid which serves as their blood. It contains a copper-based protein called haemocyanin which turns blue when oxygenated. Haemocyanin is similar to haemoglobin in vertebrates.

#### Peanuts are not actually nuts.

Peanuts are legumes. They are a pod of seeds that mature underground. They are protein-rich and contain essential amino acids. On the other hand, a nut is a dry, single-seeded hard fruit, which when mature does not naturally split open to release its seed.

#### Q: How will a farmer know that the peanuts are ready for harvest?

A: When the leaves of the plants turn yellow, they are pulled out of the ground.

### Space odyssey

Do you know me?

1. I am a huge ball of gas 100 times bigger than Earth and I am the nearest star to you.
2. I was once considered the ninth planet of the solar system, but was reclassified as a dwarf planet in 2006.
3. Adorned with thousands of beautiful ringlets, I am the second largest planet in the solar system. I have 53 known moons.
4. I appear blue because of methane in my atmosphere. My moons are named after characters created by William Shakespeare and Alexander Pope.
5. I am a huge collection of gas, dust, and billions of stars and their solar systems, all held together by gravity.



PHOTO: NASA

Answers: 1. Sun, 2. Pluto, 3. Saturn, 4. Uranus, 5. Galaxy

### Easy search

Spot five words relating to weather and write your answers in the space provided.

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R A I N B O W Q E M  
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 R Z S S I V O E N T  
 T C Y C L O N E X T  
 H Q Q O D C J K D Q  
 U L I G H T N I N G  
 N D X K K V R I H J  
 D G X R P P M Z A H  
 E H U M I D I T Y O  
 R Z Q W C Z O P C S

Answers: 1. Humidity 2. Thunder 3. Rainbow 4. Cyclone 5. Lightning

### Word of the day

#### Alienation

The term 'alienation' was first used by the socialist revolutionary Karl Marx. It was used by Marx to refer to the monotony of labour as a result of industrialisation and the rise of capitalism. According to Marxian theory, it is the feeling of separation or estrangement from one's milieu, work, products of work or self. Alienation was seen as an outcome of the kind of work one did. In Marxian philosophy, as societies shifted towards capitalism, work lost its creativity and spontaneity. This eventually resulted in the workers have little control over the work process, making them mere commodities in the labour market. This created feelings of alienation.

#### ACTIVITY

Use the word of the day in a sentence

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\_\_\_\_\_

### Earth Watch

Match the description with the right word

- |   |                   |
|---|-------------------|
| 1. Any type of precipitation with acidic components.        | a. Smog.          |
| 2. The process of setting up a forest.                      | b. Acid rain.     |
| 3. The rich variety of all creatures in their own habitats. | c. Recycling.     |
| 4. The word that combines smoke and fog.                    | d. Biodiversity.  |
| 5. Reusing of waste.  | e. Afforestation. |

Answers: 1. b, 2. e, 3. d, 4. a, 5. c

### Picture story

Come up with a witty caption for this picture



In this photo, mannequins in soccer uniforms with the faces of "virtual fans" who bought tickets online are seen on grandstand seats during a match in Belarus. Despite the pandemic, the country is still hosting pro sports matches.

Write a caption that can sum up the picture in a few words. Be creative!

### Journal Writing

You have enrolled for volunteer work...

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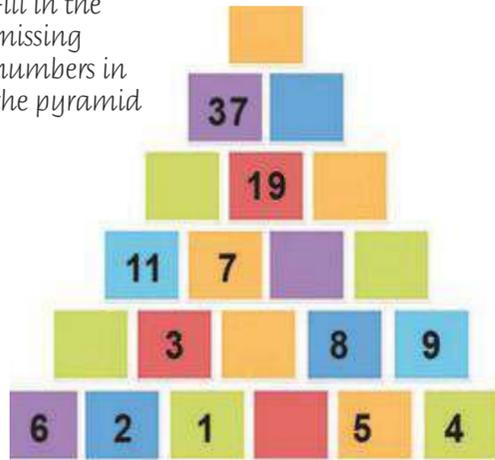
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Imagine and write a note. You may even type it out and mail it to us at [school@thehindu.co.in](mailto:school@thehindu.co.in). We will select a few for publication when we resume printing In School broadsheet.

### Play with numbers

Fill in the missing numbers in the pyramid



Answer: The number in each block is the sum of the numbers in the block below it.  
 (Content provided by Amrita Bharati)



PHOTOS: ADAM HAGY-USA TODAY SPORTS/ REUTERS

### The W Corner

Answer: D is the original ball



WHICH is the original ball? While one of these balls is the actual ball that Rickie Fowler hit out off the sand onto the 10th green during the first round of the 2020 edition of The Players Championship golf tournament in March, the others have been introduced by us. Can you spot the right one?