



### Fun facts

#### \*1. The Spanish national anthem has no words.

The Spanish national anthem, the "Marcha Real" or "Royal March", has no official lyrics. The original version had lyrics, but they are no longer used. The lyrics, which were said to have fascist overtones, were scrapped in 1978 when Spain embraced democracy after nearly 40 years of Francisco Franco's dictatorship.

**Q: Find out other countries whose national anthem has no official lyrics.**

#### \*2. National flags with purple colour

Dominica and Nicaragua are the only two countries whose national flags have the colour purple on them. While the Dominica flag features an image of the purple Sisserou parrot which is endemic to the region, Nicaragua's flag features a rainbow with a band of purple.

**Q: Name three colours commonly found on national flags.**

**Answers:**  
1. Bosnia and Herzegovina, Kosovo and San Marino  
2. Red, blue and green.

### Know the scientist

**Janaki Ammal** (1897 – 1984) was an Indian botanist, who has a flower – the pink-white Magnolia Kobus Janaki Ammal – named after her.

She undertook an extraordinary journey from a small town in Kerala to the John Innes Horticultural Institute at London. She was born in Thalassery, Kerala, in 1897. Her family encouraged her to engage in intellectual pursuit from a very young age. She graduated in Botany in Madras in 1921 and went to Michigan as the first Oriental Barbour Fellow where she obtained her DSC in 1931. She did face gender and caste discrimination in India, but found recognition for her work outside the country. After a stint at the John Innes Horticultural Institute at London, she was invited to work at the Royal Horticulture Society at Wisley, close to the famous Kew Gardens. In 1945, she co-authored *The Chromosome Atlas of Cultivated Plants* with biologist CD Darlington.

Her major contribution came about at the Sugarcane Breeding Station at Coimbatore, Tamil Nadu. Janaki's work helped in the discovery of hybrid varieties of high-yielding sugarcane. She also produced many hybrid eggplants (brinjal). She was awarded a Padma Shri in 1977.



**Now that you have read Janaki Ammal's bio, try answering the following questions.**

1. Which flower has been named after Janaki Ammal?
2. Apart from sugarcane, Janaki Ammal worked on hybrids for which plant?

**Answers:** 1. Magnolia Kobus Janaki Ammal, 2. Brinjal.

### Fun with Math

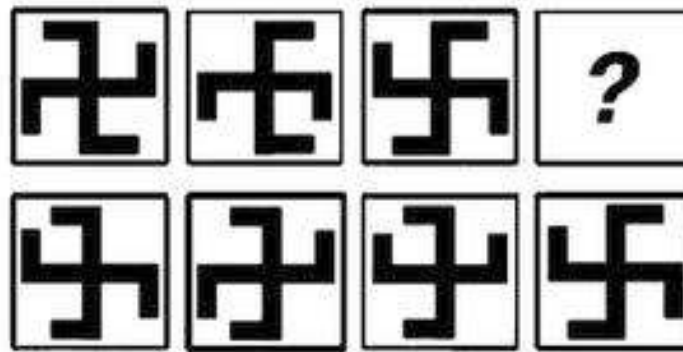
From the shapes mentioned below, circle the one which has ten sides



**Answer:** Decagon

### Logic magic

Which figure will replace the question mark? Choose from the options given below.



**Answers:** C

(Content provided by Amrita Bharati)

### War of words

Strike up a debate on the given topic



Amid the COVID-19 lockdown, sports has been put on hold. But the Bundesliga, Serie A and Premier League are planning to resume the season in front of empty stands, once the lockdown is lifted. So put on your thinking caps and get ready to argue: **Post lockdown, should sports be played in front of empty stands?**

Yes \_\_\_\_\_  
No \_\_\_\_\_

### Word of the day

#### Panoply

**Panoply** (noun) means a beautiful and striking set-up, magnificent decor or clothing or a protective covering. For example, a display of flowers at a flower show, a striking wedding gown or a protective suit of armour.

**Origin:** The word originates from the classical Greek *panoplia* — *pan* meaning all and *hopla* meaning arms (hopla being the plural of *hoplon* meaning arms or weapons)

**Usage:** Here are a couple of examples of sentences using the word – 1. The artist's panoply of portraits will be on display at the museum. 2. The designer's stunning panoply of dresses won acclaim from the critics.

#### Activity

Use the word of the day in a sentence of your own

### What's the good word?

Many words have more than one meaning. In the sentences below, write down one word that fits both the descriptions

1. A flying mammal; a wooden piece integral to playing sports such as cricket.
2. A tropical tree; the inner part of our hand from above the wrist.
3. What grows from fingertips; a piece of metal that serves as a hook.
4. The front part of the head; to deal with a situation.
5. An air-filled rubber bag used for playing; to grow exponentially in size and weight.



**Answers:** 1. Bat, 2. Palm, 3. Nail, 4. Face, 5. Balloon.

C.V. Subrahmanyam



### The W Corner

FILE PHOTOS: RAJEEV BHATT/  
THE HINDU

**WHICH** is the original ball? While one of these balls is the actual ball that was in play in the Indian Super League game between ATK and Kerala Blasters that was played in January 2020, the others have been introduced by us. Can you spot the right one?

**Answer:** C is the original ball.



### Journal Writing

#### Dear Diary

What if I had a personalised robot?

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Imagine and write. You may even type a note 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.