

Worksheet-9

Subject: - GK

Class: - V

Teacher: - Mrs. Puja Sehgal

Name: _____ Class & Sec: _____ Roll No. _____ Date: 29.07.2020

Great Indian scientists



Use the clues to identify the Indian mathematicians and scientists whose contributions have benefitted humanity through the ages.

1. He was a great ancient Indian astronomer and mathematician known for his work on the revolution of the earth, prediction of eclipses, and the use of place value in number systems. India's first satellite was named after him. _____
2. He was the principal contributor and practitioner of the ancient system of Indian medicine, called Ayurveda, and wrote a book on it. _____
3. His groundbreaking work was in *shalya tantra* – curing patients through surgeries. He developed various unique techniques to dissect the human body and study its structure. _____
4. He was an outstanding Indian astronomer and mathematician, who also had a thorough knowledge of western astronomy. He is known for his book *Pancha-siddhantika*, a detailed study of western and Indian astronomy. _____
5. He was an Indian astronomer and mathematician of the 7th century. His major work includes the books the *Mahabhaskariya* and *Laghubhaskariya*, that dealt with the longitudes of planets, solar and lunar eclipses, and the phases of the moon. _____
6. He was an ancient Indian astronomer of the 6th century, known for his book *Brahma-sphuta-siddhanta*, an astronomical work. He defined zero as the result of subtracting a number from itself. _____



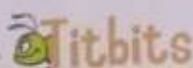
Aryabhata



Charaka



Sushruta



Ayurveda is the traditional system of Indian medicine. It is widely practised in various parts of Asia and is used to prevent and treat various diseases. This age-long field of medicine originated in India, perhaps as early as 3,000 years ago.

Brain teasers



Answer the following riddles.

- Write down the first letter of each word from the following sentence to make the abbreviation of a space science agency of international repute. Also write the full form of this agency.
Nature's anger silences all. _____
_____ and _____
- Unscramble the words in the following sentence to make it meaningful.
Srinivasa Ramanujan was a **onrewend** Indian **amhetmtaicnai**.
_____, _____
- Five boys named A, B, C, D, and E were eating five bananas. D finishes his banana before A but after C. E finishes his banana before B but after A. Write down the order in which they finish their bananas.
____/____/____/____/____
- Aman tells Natasha, 'Your brother is the son of my father's sister.' How is Natasha related to Aman's father? _____
- What is it that never gets hurt when it falls? _____
- What has a neck but no head? _____
- What has a head and a tail but no legs? _____
- Make the word **TORN** from the word **CONE** by changing one letter at a time. On changing the letter the word should still make sense.

C	O	N	E
-	-	-	-
-	-	-	-
T	O	R	N

Answers:

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Great Indian Scientist

- 1) Aryabhata
- 2) Charaka
- 3) Sushruta
- 4) Varahamihira
- 5) Bhaskara 1
- 6) Brahmagupta

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Brain Teasers

- 1) National Aeronautics and Space Administration(NASA)
- 2) Renowned, mathematician
- 3) C, D, A, E, B
- 4) Niece – maternal uncle
- 5) Rain
- 6) A bottle
- 7) C O N E

T O N E

T O R E

T O R N