

Learn. Play. Create

1 Questions 1 & 2

Fri 27 Nov **BARVEMBER**

1 The mass of 2 cubes is equal to the mass of a cone and a sphere.

2 Lucy has picked 17 apples. She wants to give her 5 friends 6 apples each.

The mass of a cube is 10 g. The mass of a cone is 12 g. What is the mass of a sphere?

How many more apples does she need to pick?

2 Answer for Question 1

A1

8 g sphere

The mass of the sphere is **8 g**.

3 Answer for Question 2

A2

13 apples

Lucy needs to pick another **13 apples**

7 Challenge Question 5

Fri 27 Nov **BARVEMBER**

The Daily Challenge

5 Some contestants take part in a 2 day talent show.

- On the first day 20% of the contestants are children.
- On the second day there were 286 fewer contestants. There were half the number of children and 20% fewer adults.

How many adults took part in the talent show on the first day?

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Apps, Skills, Gamification of education - <http://www.choomantra.com/rajeevgm-notes/apps/>

4 Questions 3 & 4

Fri 27 Nov **BARVEMBER**

3 There are 3 times as many cars as trucks on a road. There are 284 trucks on the road. There are 172 red cars. How many cars are not red?

4 The ratio of blue to yellow counters in a box is 7 : 3. 72 blue counters are removed from the box. The ratio of blue to yellow counters is now 5 : 6. How many blue counters were in the box at the start?

5 Answer for Question 3

A3

620 cars not Red

6 Answer for Question 4

A4

112 blue at start

8 Answer to Challenge Question 5

A

880 adults on 1st day

B

$286/13 = 22$

$22 \times 40 = 880$

880 adults took part on the first day

http://chooMantra.com/downloads

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9 Part of chooMantra Maths Initiative

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A3 and A4 size available for printing

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10 Essence of chooMantra

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Its Magical Let the Genie Out

<http://chooMantra.com>

Light of Knowledge Mandra - hidden secrets of Knowledge

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11 Alexa Animal Kingdom Game

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Animal Kingdom Game by RajeevGM

Free to Enable

This is a single or multiplayer Animal Kingdom Quiz game by @RajeevGM.

Play Animal Kingdom Game and learn about animals, its sounds, collectives, young ones, etc.

12 Instructions to Enable and use Alexa Skill

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Enable Skill

In Alexa app menu, select Skills. Search "Animal Kingdom Game RajeevGM". Click on the skill displayed and click on "Enable Skill".

OR visit

<http://bit.do/AlexaAnimalKingdomGame>

And click on "Enable Skill". You will need to be logged into Alexa account

Use Skill

After enabling the skill, switch on Alexa enabled device. Once ready say "Alexa, Launch Animal Kingdom Game"



Give a man a bowl of rice, you feed him for a day. Teach him farming, you feed him for life.