

Learn. Play. Create

**1 Questions 1 & 2**

Wed 18 Nov **BARVEMBER** 2020

**1** If  $\heartsuit + 5 = 12$   
What is  $\heartsuit + 8 = ?$

**2** A barrel contains 28 litres of water. A bucket holds 5 litres of water. Three buckets are filled from the barrel. How much water is left in the barrel?

White Rose Maths

**2 Answer for Question 1**

A1

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Sum is 15

**3 Answer for Question 2**

A2

chooMantra

13 litres water left in barrel

**7 Challenge Question 5**

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**5** Two baskets, A and B, contain some bananas and pears.

- The ratio of number of pieces of fruit in A to number of pieces of fruit in B is 4 : 3
- The ratio of bananas to pears in A is 2 : 5
- $\frac{1}{5}$  of the pieces of fruit in B are bananas.
- There are 16 bananas in A.

How many bananas are there in B?

The Daily Challenge

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

**4 Questions 3 & 4**

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**3** Liam thinks of a number.

- He halves it.
- Then he halves the answer.
- Then he adds 35

Now he has double his starting number.

What number did he start with?

Start

End

**4** A jar is filled with rice.

- When the jar is  $\frac{2}{3}$  full, the jar and rice have a total mass of 570 g.
- More rice is poured into the jar until it is completely filled.
- The mass of jar and rice is now 1.2 kg.

What is the mass of the empty jar?

White Rose Maths

**5 Answer for Question 3**

A3

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The number Liam started with 20

**6 Answer for Question 4**

A4

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150g mass of empty jar

**8 Answer to Challenge Question 5**

A

35 bananas Basket B

B

There are 35 bananas in Basket B

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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Light of Knowledge  
Mantra - 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.