

Learn. Play. Create

1 Questions 1 & 2

Thurs 12 Nov **BARVEMBER 2020**

1 Eva mixes blue and yellow paint. She uses 3 litres of blue paint. She uses 12 litres of paint in total. How much yellow paint does she use?

2 Mr Rose drives 120 miles in total on Monday and Tuesday. On Tuesday he travels half the distance he travels on Monday. How far does he travel on Monday?

2 Answer for Question 1

A1

Yellow paint used by Eva = $12 - 3 = 9$ litres

3 Answer for Question 2

A2

3 parts = 120; 1 part = $120/3 = 40$

Distance travelled on Monday = $2 \text{ parts} = 2 \times 40 = 80$ miles

7 Challenge Question 5

Thurs 12 Nov **BARVEMBER 2020**

5 A barrel contains 46 litres of water. A bucket contains 10 litres of water. An equal amount of water is poured into the barrel and the bucket. The ratio of the amount of water in the barrel to the amount of water in the bucket is now 5 : 2. How much water was poured into the barrel?

chooMantra – Its Magical !

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

4 Questions 3 & 4

Thurs 12 Nov **BARVEMBER 2020**

3 Jack has 4 times as much money as Annie. Whitney has £45 more than Jack. They have £225 in total. How much money does Whitney have?

4 A blossom tree is 25 feet taller than it was last year. An orange tree is one fifth taller than it was last year. The two trees are now the same height. The height of the blossom tree last year was 24 feet. How tall was the orange tree last year?

5 Answer for Question 3

A3

9 parts = $225 - 45 = 180$

1 part = $180/2 = 90$

Whitney has 4 parts + $45 = 4 \times 90 + 45 = £125$

6 Answer for Question 4

A4

$24 + 6 = 30$

$30 \times 5/6 = 25$

The orange tree was 25 feet tall last year

8 Answer to Challenge Question 5

A

46 - 10 = 36 (3 parts) 10

2 parts = $(36/3) \times 2 = 24$

24 - 10 = 14

14 litres of water poured into the barrel

chooMantra – Its Magical !

Play Animal Kingdom Game on Alexa – <http://bit.do/AlexaAnimalKingdomGame>

9 Part of chooMantra Maths Initiative

Download this sheet.
A3 and A4 size available for printing
Compiled, Edited & Designed by
Rajeev G. Mavinkurve

10 Essence of chooMantra

Light of Knowledge
Mantra - hidden secrets of Knowledge

@RajeevGM, @chooMantra

11 Alexa Animal Kingdom Game

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

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.