Barvember 2019 Day 4 Solutions by @RajeevGM of @chooMantra

Learn. Play. Create

1 — Questions 1 & 2

Thur 7 Nov — BARVEMBER 2019 — White Rose Maths

1 Nima has 3 vases of flowers. 2 vases contain 5 flowers.

The other vase contains 3 flowers.

How many flowers are there in total?

2 There are 40 people in a cinema. There are 26 adults in the cinema.

How many more adults than children are in the cinema?

| Adults | 26 |
| Children | |

} 40

2 — Answer for Question 1

?

| 5 | 5 | 3 |

Total flowers = 5 + 5 + 3 = **13**

13 flowers

3 — Answer for Question 2

| A | 26 |
| C | ? |

} 40

No of children = 40 - 26 = 14

No of adults more than children = 26 – 14 = **12**

Another approach 26 x 2 – 40 = **12**

12 more adults

7 — Questions 5

Thur 7 Nov — BARVEMBER 2019 — White Rose Maths

The Daily Challenge

5 Daniel has 2 more jugs of juice.

- The 1st jug contains 1.3 litres.
- The 2nd jug contains 970 ml.
- Daniel pours some juice from the 2nd jug to the first.
- The ratio of juice in the 1st jug to the 2nd jug is 7 : 3

How much juice does Daniel pour from the 2nd jug into the 1st?

4 — Questions 3 & 4

Thur 7 Nov — BARVEMBER 2019 — White Rose Maths

3 There are 3 containers, A, B and C. Each contain some water.
- B has 6 less litres than A
- A contains 25 litres of water.
- C contains 8 more litres of water than B

How many litres of water are in C?

4 Daniel has 2 jugs of juice. The 1st jug contains 1.3 litres. The 2nd jug contains 970 ml. Daniel pours some juice from the 1st jug into the 2nd. There is now the same amount of juice in each jug. How much juice did he pour out?

A	
B	
C	

| 1st Jug | |
| 2nd Jug | 970 ml |

5 — Answer for Question 3

A	25
B	
C	

8 - 6 = 2
6
8
?

C = A + 2 = 25 + 2 = **27**

27 litres in C

6 — Answer for Question 4

1300 + 970 = 2270ml

| B4 | 1300ml | 970ml |
| Pour | | ? |

2270 / 2 = 1135ml

Amount poured = 1135 – 970 = **165ml**

165 ml poured out

8 — Answer for Question 5

1300 + 970 = 2270ml

| B4 | 1300ml | 970ml |
| Pour | | ? |

2270 x 3/ 10 = 681ml

Amount poured = 970 - 681 = **289ml**

Note : bars are not drawn to scale

289 ml poured

chooMantra – Its Magical !

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

chooMantra – Its Magical !

Play Times Table Quiz on Alexa – http://bit.do/AlexaTimesTableQuiz

9 — Part of chooMantra Maths Initiative

10 — Essence of chooMantra

chooMantra
Its Magical
Let the Genie Out
http://chooMantra.com

Light of Knowledge
Mantra – hidden secrets of Knowledge

@RajeevGM, @chooMantra

11 — Alexa Times Table Quiz

Learn Play Create by chooMantra

Times Table Quiz by RajeevGM

Free to Enable

This is quiz on Times Tables by @RajeevGM.

Play Times Table Quiz, learn quick recall and master Multiplication Skills.

12 — Instructions to Enable and use Alexa Skill

Enable Skill

In Alexa app menu, select Skills. Search "Times Table Quiz RajeevGM". Click on the skill displayed and click on "Enable Skill".

OR visit http://bit.do/AlexaTimesTableQuiz 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 Times Table Quiz*"

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

http://chooMantra.com/downloads

@RajeevGM, @chooMantra