


Barvember 2019 Day 2 Solutions by @RajeevGM of @chooMantra

Learn. Play. Create

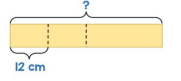
1 Questions 1 & 2

Tues 5 Nov **BARVEMBER** White Star Maths

1 Tom has 5 apples.

 Meg has twice as many apples as Tom.
 How many apples do they have altogether?

2 A strip of paper is cut in half. The strip is then cut in half again. The length of the piece left is 12 cm.
 How long was the strip of paper at the start?

Tom 5 }
 Meg 5 } ?


 12 cm

2 Answer for Question 1

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| | | | |
|-------|------------------------------------|---|-----------|
| Tom | 5 | } | 15 apples |
| Meg | 5 5 | | |
| Total | 5 5 5 = 5+5+5 = 15 = 5 x 3 = 15 | | |

3 Answer for Question 2

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| | | |
|---------------|---|-------|
| 12 | } | 48 cm |
| = 12 x 2 = 24 | | |
| = 24 x 2 = 48 | | |

7 Questions 5

Tues 5 Nov **BARVEMBER** White Star Maths **The Daily Challenge**

5 Peter, Ned and Morris have some apples.
 • Ned has $2\frac{1}{3}$ as many apples as Peter.
 • Morris has half as many apples as Ned.
 • In total they have 999 apples.
 How many apples does each person have?

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

4 Questions 3 & 4

Tues 5 Nov **BARVEMBER** White Star Maths

3 The total weight of 3 red and 5 blue boxes is 54 kg. Each red box weighs 8 kg. Each blue box weighs 6 kg. How much does a blue box weigh?

4 A baker bakes some cakes over 3 days. Each day he makes 12 more cakes than the previous day. In total over the 3 days he bakes 243 cakes. How many cakes does he bake on day 2?

Red 8 8 8 } 54
 Blue ? ? ? ? ? }

Day 1 ?
 Day 2 ?
 Day 3 ?

5 Answer for Question 3

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| | | | | | |
|------|--------------|---|---|---|-------|
| Red | 8 | 8 | 8 | } | 7 kgs |
| | = 8 x 3 = 24 | | | | |
| Blue | ? | ? | ? | | |

5 Blue boxes = 59 - 24 = 35
 1 Blue box = 35/5 = 7

6 Answer for Question 4

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| | | | | |
|-----|----|----|---|----------|
| d1 | d2 | d3 | } | 81 cakes |
| 243 | | | | |
| d2 | d2 | d2 | | |

12 → d2 d2 d2 → 12
 3x d2 = 243; d2 = 243/3 = 81

8 Answer for Question 5

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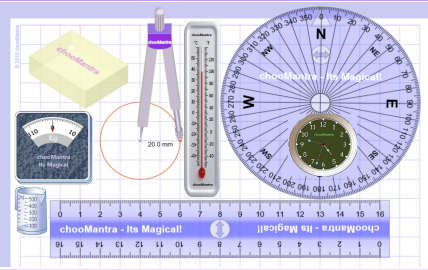
| | | | | |
|--------|-------------|---|-----|------------|
| Peter | P | } | 999 | 222 apples |
| Ned | N = 2 1/3 P | | | |
| Morris | M = 1/2 N | | | |

1/2 N = 1 1/6 P
 P + 2 1/3 P + 1 1/6 P = 4 1/2 P = 9/2 P
 9/2 P = 999; P = 222
 N = 2 1/3 P = 2 1/3 x 222 = 444 + 74 = 518
 M = 1/2 N = 518 x 1/2 = 259


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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Play Country Capital Quiz on Alexa – <http://bit.do/AlexaCountryCapitalQuiz>



10 Essence of chooMantra


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<http://chooMantra.com>

11 Alexa Country Capital Quiz

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Country Capital Quiz by RajeevGM

Free to Enable

This is quiz on Countries and their capitals by @RajeevGM.

Play Country Capital Quiz, learn more about Geography and increase your General Knowledge.


12 Instructions to Enable and use Alexa Skill

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Enable Skill

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

OR visit <http://bit.do/AlexaCountryCapitalQuiz>. 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 Country Capital Quiz"

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