

Learn. Play. Create

1 Questions 1 & 2

Wed 20 Nov **BARVEMBER 2019**

1 Amy has 7 pencils. She buys 9 more pencils. Josh has 12 pencils. How many more pencils does Amy have than Josh?

2 60 litres of water is shared between 2 buckets. Bucket A contains 38 litres. How many more litres are in bucket A than bucket B?

2 Answer for Question 1 & 2

A1 Amy 7, Josh 12. More Pencils with Amy than Josh = $7+9-12=4$ more pencils.

A2 A 38, B 22. More in A = $2 \times 38 - 60 = 16$ 16ltrs more in A.

5 (Challenge) Question 5

Wed 20 Nov **BARVEMBER 2019** The Daily Challenge

5 A breakfast cereal is sold in 3 sized boxes, micro, standard and large.

- A store has 444 boxes of cereal in total.
- The ratio of the number of micro boxes to standard boxes is 3 : 1
- In one day the store sells 60% of the micro boxes, 25% of the large boxes and none of the standard boxes.
- There are now 285 boxes left in total.

How many of each size box was there at the start?

6 Answer 5

A5 Start 444 boxes. Sold 32 parts. 4xsold 159x4=636. Std boxes = $10 \times 6 = 60$ boxes. Micro boxes = $3 \times 60 = 180$ boxes. Large boxes = $444 - 180 - 60 = 204$ boxes.

S:60 M:180 L:204

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

3 Questions 3 & 4

Wed 20 Nov **BARVEMBER 2019**

3 Jane and Mo have 528 parcels to deliver in total. Jane has 3 times as many parcels as Mo to deliver. Jane gives Mo some parcels. They now have the same amount to deliver. How many parcels did Jane give Mo?

4 Joe plants 8 seeds in a straight line. The seeds are equally spaced. The distance between the 2nd and 5th seed is 12.6 metres. What is the distance between the 1st and last seed?

4 Answer for Question 3

A3 Start 528 parcels. Give Jane 132 parcels to Mo = $528/4 = 132$.

A4 8 seeds, distance 12.6m. Distance from 1st to last seed = $7 \times 12.6/3 = 29.4$ 29.4m.

7 Power Maths Bonus Question

BONUS The perimeter of a mirror is 160 cm. Its height is 45 cm. What is its width?

8 Answer to Power Maths Bonus Question

A 160cm perimeter, 45cm height. Width = $(160 - 45 \times 2)/2 = 35$ 35cm width.

<http://choomantra.com/downloads>

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9 Part of chooMantra Maths Initiative

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10 Essence of chooMantra

chooMantra - Its Magical. 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.