

Learn. Play. Create

1 Questions 1 & 2

Mon 18 Nov **BARVEMBER**

1 A football costs €6
2 footballs and pair of socks cost €20

2 Two boxes contain the same amount of counters.
• Half of the counters from box A are put into box B.
• There are now 72 counters in box B.
How many counters were in box A at the start?

How much does the pair of socks cost?

Pair of socks costs = $20 - 2 \times 6 = 8$

Box A = $2 \times 72 / 3 = 48$

Box A at start = 48

2 Answer for Question 1 & 2

A1 $\text{fb} \quad \text{fb} \quad \text{socks} \quad \text{£8 socks}$

A2 start $\text{Box A} \quad \text{Box B} \quad \text{Box A} = 2 \times 72 / 3 = 48$

A \rightarrow B $\text{A} \quad \text{Box B} \quad 72$

Box A at start = 48

5 (Challenge) Question 5

Mon 18 Nov **BARVEMBER**

5 Natalie has some red and white roses.

- 80% of the roses Natalie has are white.
- Natalie buys 76 more white roses and 48 more red roses.
- 75% of the roses Natalie has are now white.

How many roses did Natalie have in total at the start?

The Daily Challenge

6 Answer 5

A5 start $4X$

after 76 48 $3X$

340 flowers at start

$4 \text{ box} + 76 = 3 \times (\text{box} + 48)$; $\text{box} = 68$;
Total roses at start = $5 \times \text{box} = 5 \times 68 = 340$

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

3 Questions 3 & 4

Mon 18 Nov **BARVEMBER**

3 Leon cycles the same distance each day.
He cycles 272 km in 4 days.
How far does he cycle in 7 days?

4 The 2nd term of a sequence is 5 more than the 1st term.
The 3rd term is the sum of the first 2 terms.
The 4th term is the sum of the 2nd and 3rd terms.
The sum of the first 4 terms is 237.
What is the 3rd term of the sequence?

In 7 days = $7 \times 272 / 4 = 476$

1st \square
2nd \square
3rd \square
4th \square

$7 \text{ box} + 20 = 237$; $\text{box} = 31$; 3rd term = $2 \times \text{box} + 5 = 67$

4 Answer for Question 3

A3 $J \quad 476 \text{ km}$

A4 1st 5
2nd \square
3rd \square
4th \square

Sum = 237

3rd term = 67

7 Power Maths Bonus Question

BONUS Here are some pots of marbles

19 more marbles are added to the green pot.

How many more marbles are there in the green pot than in the red pot now?

Green $17 \rightarrow 19$
Red 24

8 Answer to Power Maths Bonus Question

A $17 \quad 19$

$? = 17 + 19 - 24 = 12$

24

Q & A $17 \quad 42 \quad 24 \quad 37 \quad 27$

Purple pot is empty. All pots share so that they all have equal amount of marbles. How many marbles in each pot?

$? = (17 + 42 + 24 + 37) / 5 = 24$

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

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

Light of Knowledge
Mantra - hidden secrets of Knowledge
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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.

http://chooMantra.com/downloads

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