

Learn. Play. Create

1 Questions 1 & 2

Fri 20 Nov **BARVEMBER**

1 Mo has 10 cards.
Tim has 4 cards.
Mo gives Tim some of his cards.
They now have the same amount of cards.
How many cards did Mo give Tim?

2 Judd buys 3 chews.
She pays with a 50p coin.
She receives 14p change.
How much does one chew cost?

2 Answer for Question 1

3 cards

Mo gave 3 cards to Tim.

Average = $(10+4)/2=7$
 $10-7=3$

3 Answer for Question 2

12p each chew

One chew costs 12p.

$50-14=36p$
 $36/3=12$

7 Challenge Question 5

There are 250 blue and red pens in total in a box.

- 40% of the blue pens are removed.
- 70% of the red pens are removed.
- The total number of pens left in the box is now 94.

How many blue pens were there at the start?

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

4 Questions 3 & 4

Fri 20 Nov **BARVEMBER**

3 Given that $\frac{2}{3}$ of $\star = \frac{2}{5}$ of \diamond and $\diamond - \star = 48$. Find the value of each symbol.

4 The ratio of apples to oranges in a box is 4 : 1. 17 apples turn bad and are thrown away. There are now 37 more apples than oranges in the box? How many apples were in the box at the start?

5 Answer for Question 3

72
120

The value of \star is 72 and the value \diamond is 120.

$\star = 3 \text{ parts} = 3 \times 24 = 72$
 $\diamond = 5 \text{ parts} = 5 \times 24 = 120$

6 Answer for Question 4

72 apples at start

There were 72 apples in the box at the start.

$37 + 17 = 54$ (3 parts)
 $(54/3) \times 4 = 72$

8 Answer to Challenge Question 5

180 blue pens at start

There are 180 blue pens at start.

$129 - 75 = 54$ (3 blue parts)
1 blue part = $54/3 = 18$
Blue pens at start = $10 \text{ parts} = 18 \times 10 = 180$

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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

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

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.