

Learn. Play. Create

1 Questions 1 & 2

Thurs 21 Nov **BARVEMBER** 2019

**1** Josh has 12 counters. He gives 2 to each of his 4 friends. How many counters does he have left?

**2** Jimmy has some monster cards. He gives 12 to Sam and 19 to Amy. He then buys 10 more. He now has 24 cards. How many cards did he have at the start?

2 Answer for Question 1 & 2

**A1** Josh = 12 - 4x2 = 4  
Counters left with = 4

**A2** At start Jimmy = 12 + 19 + 24 - 10 = 45  
cards at start = 45

5 (Challenge) Question 5

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**5** David buys a large bag of potatoes. He keeps 4/5 of the potatoes himself. He gives his sister 2/5 of the remaining potatoes. He then shares what is left between his mum and dad in the ratio 3 : 7. His mum receives 1.2 kg of potatoes. What was the mass of the potatoes that David bought?

6 Answer 5

**A5**

Self:  $9 \times 5.6 / 5 = 10.08 \text{ kg}$

Sister:  $7 \times 4 / 5 = 5.6$

Mom:  $10 \times 1.2 / 3 = 4$

Mass of potatoes bought by David = 10.08 kg

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

3 Questions 3 & 4

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**3** A box is filled with chocolates and its mass is 480 g. The same box is now filled with mints and its mass is 350 g. The chocolates weigh twice as much as the mints. What is the mass of the box?

**4** 3 jugs contain the same amount of juice. 1/4 of the juice is poured from the 1<sup>st</sup> jug into the 3<sup>rd</sup> jug. 25% of the juice is poured from the 2<sup>nd</sup> jug into the 3<sup>rd</sup> jug. There is now 480 ml more juice in the 3<sup>rd</sup> jug than the 1<sup>st</sup>. How much juice was in each jug at the start?

Jug 1

Jug 2

Jug 3

4 Answer for Question 3

**A3** Choc:  $480 - 350 = 130$   
Mints:  $350 - 130 = 220$   
Mass of box =  $2 \times 350 - 480 = 220 \text{ g}$

**A4** Start: 480ml  
Pour:  $480 \text{ ml}$   
Juice in each jug at start =  $4 \times 480 / 3 = 640 \text{ ml}$

7 Power Maths Bonus Question

**BONUS**

A large plane carries 416 passengers. A small plane carries 280 fewer passengers.

How many passengers can the two planes carry in total?

I learn from my mistakes and try again.

8 Answer to Power Maths Bonus Question

**A**

$416 - 280 = 136$

Total =  $136 + 416 = 552$

552 total passengers

Total two planes can carry =  $416 \times 2 - 280 = 552$

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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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Let the Genie Out  
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Light 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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