

Learn. Play. Create

**1 Questions 1 & 2**

Thurs 5 Nov **BARVEMBER 2020**

**1** A 20 cm piece of ribbon is cut into two pieces.  
The first piece is 11 cm long.  
How long is the second piece?

**2** 30 apples are shared equally between 5 children.  
How many apples do Amir and Alex have in total?

**2 Answer for Question 1**

**A1**

Tim  $\overbrace{\hspace{2cm}}^{20\text{ cm}}$

Mel  $\overbrace{\hspace{1.5cm}}^{11\text{ cm}}$   $\overbrace{\hspace{0.5cm}}{?}$

The length of second piece =  $20 - 11 = 9\text{ cm}$

**9 cm long**

**3 Answer for Question 2**

**A2**

Alex Amir Dexter Dara Ron

$\overbrace{\hspace{2cm}}^{30}$

Amir and Alex in total have **12 apples**

**7 Challenge Question 5**

Thurs 5 Nov **BARVEMBER 2020** The Daily Challenge

**5** A rectangle is divided into 4 sections, W, X, Y and Z.

- The total area of W and Y is equal to the total area of X and Z.
- The area of Y is three times the area of X.
- The area of Z is twice the area of Y.
- The area of Y is 15 cm<sup>2</sup> greater than the area of X.

What is the area of the whole rectangle?

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

**4 Questions 3 & 4**

Thurs 5 Nov **BARVEMBER 2020**

**3** £250 is shared between 3 children.  
Danni receives £20 more than Esma.  
Danni receives twice as much as Fiona.  
How much does Danni receive?

**4** Theo has some bonfire lollies.  
He sells 120 in the morning.  
In the afternoon he sells a quarter of what he has remaining.  
He now has half of the lollies he had at the start left.  
How many lollies does he have left?

**5 Answer for Question 3**

**A3**

Danni  $\overbrace{\hspace{1.5cm}}^{?}$

Esma  $\overbrace{\hspace{1.5cm}}{£20}$

Fiona  $\overbrace{\hspace{1.5cm}}{£20}$

$\overbrace{\hspace{3cm}}{£250}$

5 parts =  $£250 + £20 = £270$  1 part =  $270/5 = £54$

Danni received 2 parts =  $2 \times 54 = £108$

**£108 received by Danni**

**6 Answer for Question 4**

**A4**

Morning Afternoon

$\overbrace{\hspace{1.5cm}}^{120}$

2 parts = 120 1 part =  $120/2 = 60$

3 parts =  $60 \times 3 = 180$

Amount of lollies left **180**

**8 Answer to Challenge Question 5**

**A**

W  $\overbrace{\hspace{1.5cm}}{?}$

X  $\overbrace{\hspace{1.5cm}}^{15\text{ cm}^2}$

Y  $\overbrace{\hspace{1.5cm}}{?}$

Z  $\overbrace{\hspace{1.5cm}}{?}$

2 parts = 15cm<sup>2</sup>

W + Y = X + Z = 7 parts

Whole rectangle =  $7 \times 2 \text{ parts} = 7 \times 15\text{ cm}^2 = 105\text{ cm}^2$

**105 cm<sup>2</sup>**

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

**9 Part of chooMantra Maths Initiative**

Download this sheet.  
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**

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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**

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**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"

http://chooMantra.com/downloads

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