

Learn. Play. Create

1 Questions 1 & 2

Wed 27 Nov **BARVEMBER** White House Maths

1 A lolly costs half the price of a bar of chocolate. The total cost of a lolly and bar of chocolate is 36p. How much does a bar of chocolate cost?

2 Leo and Cooper collect stamps. Leo has 150 stamps and Cooper has 74 stamps. Leo gives Cooper some stamps. Cooper now has 16 more stamps than Leo. How many stamps did Leo give Cooper?

2 Answer for Question 1

A1

Chocolate bar cost = $2 \times 36 / 3 = 24$

24p chocolate

5 Answer for Question 2

A2

Stamps given by Leo to Cooper = $(76 - 16) / 2 = 30$

30 stamps

6 Challenge Question 5

Wed 27 Nov **BARVEMBER** White House Maths **The Daily Challenge**

5 There are some red and blue pencils in two drawers in a classroom.

- In the first drawer the ratio of red to blue pencils is 3 : 6
- In the second drawer the ratio of red to blue is 3 : 1
- Mr Palfy moves 50% of the red pencils from the first to the second drawer.
- The number of pencils left in the first drawer is 156
- The ratio of the number of red to blue pencils in the second drawer is now 13 : 3

How many pencils were in the second drawer at the end?

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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 Flip, Lisa and Han shared some counters. Flip has $\frac{1}{4}$ of the counters. Lisa has $\frac{1}{8}$ of the counters. Han has the rest. Flip has 16 more counters than Lisa. How many counters does Han have?

4 Sandip has 280 jumpers and hats to sell in total. He sells 10% of the jumpers and 20% of the hats. He now has the same number of jumpers and hats. How many hats did he have for sale at the start?

4 Answer for Question 3

A1

each part = $16 / 2 = 8$

Counters with Han = 8 parts

$= 8 \times 8 = 64$

64 counters with Han

7 Answer for Question 4

A3

9 parts = $280 - 109 = 171$

1 part = 19

No of hats at start = 5 parts = 180

$= 5 \times 19 = 95$

95 hats at start

8 Answer to Challenge Question 5

A

13 parts = 156; 3 parts = $3 \times 156 / 13 = 36$

4 parts = 36

Total in 2nd drawer at the end is = 5 x 16 parts = $4 \times 36 = 144$

144 pencils

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9 Part of chooMantra Maths Initiative

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A3 and A4 size available for printing
Compiled, Edited & Designed by
Rajeev G. Mavinkurve

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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

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.