


Learn. Play. Create

1 Questions 1 & 2

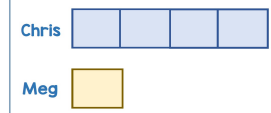
Fri 29 Nov **BARVEMBER** 2019

1 Peter is making pizzas. Each pizza takes 5 minutes to cook.



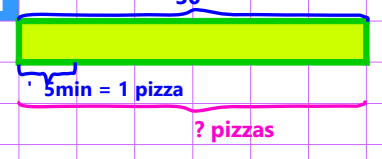
How many pizzas can he make in 30 minutes?

2 Chris and Meg have some money. Chris has 4 times as much as Meg. Chris gives Meg some of his money. They now have the same amount of money. What Fraction of his money did Chris give Meg?



2 Answer for Question 1

A1

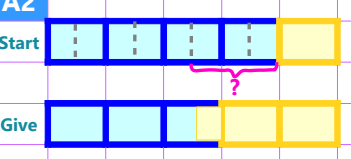


6 pizzas

Pizzas Peter can make in 30mins = $30/5 = 6$

5 Answer for Question 2

A2



3/8 given

Fraction of money given by Chris to Meg = $3/8$

6 Challenge Question 5

Fri 29 Nov **BARVEMBER** 2019 **The Daily Challenge**

5 In a sale Tommy bought a kettle and a toaster.

- He paid a total of £105
- The amount paid for the kettle is $\frac{2}{5}$ the cost of the toaster.
- The total price before the discount should have been £133
- The toaster was reduced by 20%.

How much was the kettle reduced by?




chooMantra – Its Magical !

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

3 Questions 3 & 4

Fri 29 Nov **BARVEMBER** 2019


3 The pie chart shows the number of people who preferred 3 films.



55 people preferred film A.
45 more people preferred film B than preferred film C.

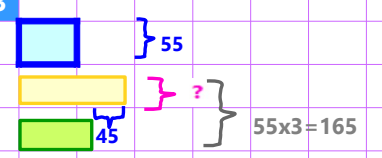
How many people preferred film B?

4 Jug A contains 950 ml more juice than Jug B. 250 ml of juice is poured from Jug A to Jug B. The ratio of juice in Jug A to Jug B is now 5 : 2. How much juice was in the second Jug at the start?



4 Answer for Question 3

A3



105 people

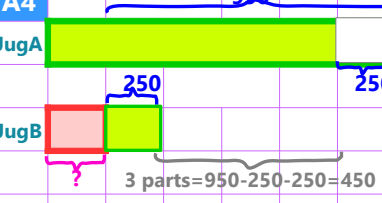
$55 \times 3 = 165$

$2 \times B - 45 = 165$

People who preferred film B = $(165 + 45) / 2 = 105$

7 Answer for Question 4

A4



50ml in Jug B at start

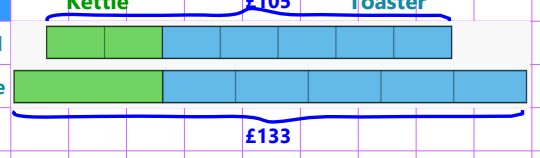
$3 \text{ parts} = 950 - 250 - 250 = 450$

At start Jug B has = 2 parts = $250 = 2 \times 450 / 3 = 250$

' = $300 - 250 = 50 \text{ml}$

8 Answer to Challenge Question 5

A



£133

£9.25 or **23.57%**

Price 7parts = 105; toaster paid = 5parts = $5 \times 105 / 7 = 75$

Price 4parts = 75; toaster price = 5parts = $5 \times 75 / 4 = 93.75$

Price Kettle paid = $105 \times 2 / 7 = 30$

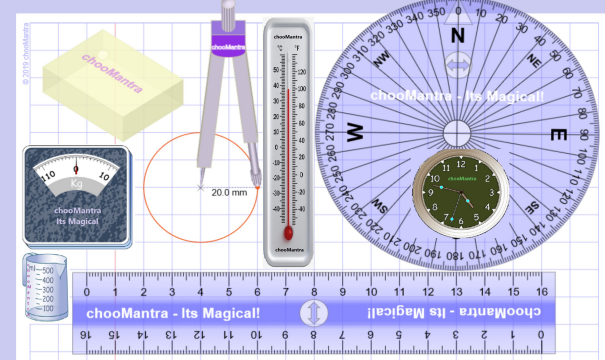
Price Kettle price = $133 - 93.75 = 39.25$

Kettle reduced by = $39.25 - 30 = 9.25$ or **23.57%**

chooMantra – Its Magical !

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

Compiled, Edited & Designed by

Rajeev G. Mavinkurve



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"