

Learn. Play. Create

1 Questions 1 & 2

Fri 6 Nov **BARVEMBER** 2020

1 I have £2

2 Sonia is 15 years old. She has an older sister. The sum of Sonia and her sister's ages are 36. How much younger than her sister is Sonia?

How much do they have in total?

Alex £2

Dora

Sonia 15

Sister

36

2 Answer for Question 1

A1

£10 in total

Alex £2

Dora

They have in total = $£2 \times 5 = £10$

3 Answer for Question 2

A2

6 yrs younger

Sonia 15

Sister

36

$36 - 2 \times 15 = 6$

Sonia is 6 years younger than her sister

7 Challenge Question 5

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5 David, Evan and Filip go out and buy a computer game. They agree to share the cost equally. Filip only has £4.50 with him. David and Evan agree to pay the rest of Filip's share and he will pay them back.

David pays in total 50% more than Evan pays in total.

David pays £8.40 more than Evan.

How much money does Filip need to pay back to David and Evan?

The Daily Challenge



chooMantra – Its Magical !

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

4 Questions 3 & 4

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3 Two pairs of socks and three pairs of gloves cost £46

4 The mass of 3 identical cubes and 1 sphere is 140 g

The sphere is 32 g heavier than one of the cubes.

What is the mass of one of the cubes?

Each pair of socks cost £6.50

What is the cost of a pair of gloves?

£46

£6.50 £6.50

5 Answer for Question 3

A3

£11

£46

£6.5

$£6.5 \times 2 = £13$

$£46 - £13 = £33$

$£33 / 3 = £11$

A pair of gloves costs £11

6 Answer for Question 4

A4

27g Cube mass

140g

32g

$140g - 32g = 108g$

$108 / 4 = 27g$

The mass of one of the cubes is 27g

8 Answer to Challenge Question 5

A

£11

David £9.70

Evan £1.30

£8.40

£4.50

$£8.40 \times 5 + £4.50 = £46.5$

$£46.5 / 3 = £15.5$

$£8.4 \times 3 - 15.5 = £9.70$

$£15.5 - 4.5 = £11$

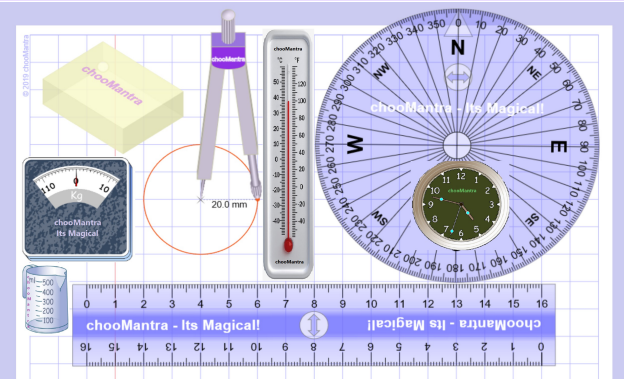
$£8.4 \times 2 - 15.5 = £1.30$

Filip owes £11 to David (£9.70) & Evan (£1.30)

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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".

Use Skill

After enabling the skill, switch on Alexa enabled device. Once ready say "Alexa, Launch Animal Kingdom Game"

OR visit <http://bit.do/AlexaAnimalKingdomGame>. And click on "Enable Skill". You will need to be logged into Alexa account



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