

MONTHLY CHALLENGE



MATHS - PRIMARY SCHOOL CHALLENGE 6 - SEPT/OCT 2023



A SCHOOL BUSINESS

Andre and Johan run a small business known as 'break time snacks'. They buy muffins, sandwiches, biscuits, and cool drinks to sell at a profit at some offices and the school.

On a particular week, Andre reported purchases from Tara's Bakery to the value of R8150, less a 2,5% discount plus transport fees (R87) and telephone costs (R34). Johan reported sales to the value of R9799, less petrol (R56) and telephone costs (R24).

- Did they make a profit or loss and how much is it? Hint: Calculate the purchases first and then sales, to get to the final answer.
- What would be the percentage of the profit or loss made by the business to the total sales, less petrol and telephone?
- If Andre and Johan wanted to buy a bakkie of R115 622,50 for their business how many years would it take them to buy it if the business was saving all its profits?

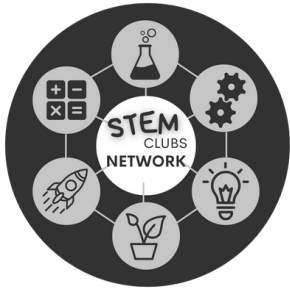
INSTRUCTIONS:

- Please answer each question on a new line.
- Show all the steps in your calculations.
- The due date for you to submit your answer on Google form is by latest 15 October 2023 at 15:00.

Please type this link into your Google search bar to answer

<https://forms.gle/5WTHb7VSTSpLSQTL7>

(You will be asked for your name and surname, your grade and your school name.)



MONTHLY CHALLENGE



WISKUNDE - LAERSKOOL CHALLENGE 6 - SEPT/OCT 2023



'N SKOOLBESIGHEID

Andre en Johan bedryf 'n klein besigheid bekend as 'break time snacks'. Hulle koop muffins, toebroodjies, koekies en koeldranke om teen 'n wins te verkoop by sommige kantore en by die skool.

Op 'n spesifieke week het Andre aankope by Tara's Bakery ter waarde van R8150 aangemeld, minus 'n 2,5% afslag plus vervoerkoste (R87) en telefoonkoste (R34). Johan het verkope ter waarde van R9799 aangemeld, min petrol (R56) en telefoonkoste (R24).

- Het hulle 'n wins of verlies gemaak en hoeveel is dit? Wenk: Bereken eers die aankope en dan verkope, om by die finale antwoord uit te kom.
- Wat sou die persentasie wees van die wins of verlies wat die besigheid gemaak het tot die totale verkope, min petrol en telefoon?
- As Andre en Johan 'n bakkie van R115 622,50 vir hul besigheid wou koop, hoeveel jaar sou dit hulle neem om dit te koop as die besigheid al sy wins spaar?

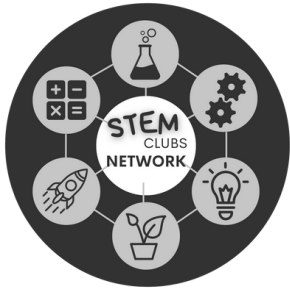
INSTRUKSIES:

- Beantwoord elke vraag op 'n nuwe asseblief.
- Wys al die stappe in jou berekening.
- Die sperdatum vir jou om jou antwoord op Google-vorm in te dien is 15 Oktober 2023 om 15:00.

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MONTHLY CHALLENGE

ISIKOLO SEBANGA LANGAPHANTSI CHALLENGE 6 - SEPT/OCT 2023



ISHISHINI LASESIKOLWENI

U-Andre kanye no Johan baqhuba ishishini elincinci elaziwa ngokuba 'ziishwamshwam zexesha lekhefu'. Bathenga iimuffins, iisandwich, iibhiskithi, neziselo ezibandayo ukuze bazithengise ngengeniso kwezinye iifisi nasesikolweni.

Kwiveki ethile, u-Andre wabika izinto ezithengiweyo eTara's Bakery ngexabiso lamawaka asibhozo anekhulu elinamashumi amahlanu eerandi (R8150), engaphantsi kwesaphulelo sa- manqaku amabini epesenti ezintlanu 2,5% kunye neentlawulo zothutho ezingamashumi esibhozo anesixhenxe eerandi (R87) kunye neendleko zomnxeba angamashumi amathathu anesine eerandi (R34). UJohan uchaze iintengiso ezixabisa amawaka alithoba anamakhulu asixhenxe anamashumi alithoba anethoba eerandi (R9799), ibe ngaphantsi kwepetroli engamashumi amahlanu anesithandathu eerandi (R56) kunye neendleko zomnxeba ezingamashumi amabini anesine eerandi (R24).

- Ingaba baye benza inzuzo okanye ilahleko kwaye yimalini? Icebiso: Bala izinto ezithengiweyo kuqala uze emva koko uzithengise, ukuze ufumane impendulo yokugqibela.
- Iyakuba yintoni ipesenti yenzuzo okanye ilahleko eyenziwe lishishini kwintengiso iyonke, ngaphantsi kwepetroli kunye nomnxeba?
- Ukuba u-Andre noJohan bafuna ukuthenga iveni engamakhulu elineshumi elinesihlanu lamawaka eerandi namakhulu amathandathu anamashumi amabini anesibini eerandi namashumi amahlanu eesentiye (R115 622,50) kwishishini labo ingaba kuthatha iminyaka emingaphi ukuyithenga ukuba ishishini beligcina yonke inzuzo yalo?

IMIYALELO:

- Phendula umbuzo ngamnye kumgca omtsha.
- Bonisa onke amanyathelo kwizibalo zakho.
- Ngenisa impendulo yakho kwifomu kaGoogle emva kuka-15 Okthobha 2023 ngo-15:00.

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