CSEE- Basic Maths

Ratio & Profit/ Loss

Questions and Answers
Videos with expert tutorials on each topic

CSEE Basic Maths

Revision Topic: Ratio & Profit/Loss

Section A

Lesson 8 (Revision Week 4)

Instructions: Complete this worksheet and watch this revision video simultaneously on *www.mathsmemory.co.uk/International*

Pause and Play the video unlimited times to review your work and write the answers in the blank spaces. Once you have written your answers, check these with the tutorial answers, as explained in the video.

Self Assess yourself (Out of 10) on your **revision planner** after you have completed the revision video .

Question 1

a) Find 15% of £520

b) Massimo achieves 78% in a test. Sarah scores 27 out of 36 in a test.
What is the difference between Massimo and Sarah's result?

Bronze

Tanzania

Core 2 - Bronze   Topic: Ratio & PL

Question 2

a) Amiee's travel commute cost £1200 in 2020. In 2021, her commute cost had increased to £1260 . What was the percentage increase in her travel cost from 2020 to 2021?

b) Sean bought a car for £12,500. The following year it had decreased to £10,000. What was the percentage decrease in the value of the car over the year?

Bronze

Tanzania

Core 3 - Bronze   Topic: Ratio & PL

Question 3

a) Leon has £4000 in his savings account. The interest rate is 2.8% per year. How much does Leon have after one year in his savings account?

b) Alice buys a flat for £150,000. It has decreased in value by 4% over the year. How much is the flat worth now?

c) Coby has run 12 km in a marathon. This is only 40% of the whole race. What is the total distance of the marathon?

Bronze

MATHS Memory Tanzania

Core 4 - Bronze

Topic: Ratio & PL

Question 4

Amy, Beth and Carl share £240 in the ratio 3:4:5.

How much do they each receive?

Amy:_________

Beth:_________

Carl:__________

Bronze

MATHS Memory Tanzania

Core 5 - Bronze

Topic: Ratio & PL

Question 5

ABC is a straight line.

The ratio of length AB:BC = 2:5.
BC = 60 m

a) Work out the length AB.

b) Work out the length AC.

Bronze

Maths Memory Tanzania

Core 6 - Silver   Topic: Ratio & PL

Question 6

Ben is 5 years younger than Amy. Carl is double Ben's age. The sum of their ages is 33 years.

Work out all their ages

Amy:______

Ben :______

Carl:_______

Silver

Maths Memory Tanzania

Core 7 - Silver   Topic: Ratio & PL

Question 7

Sogol invested an amount of money at 4% per annum, compound interest.
At the end of 2 years, the value of the investment was £3652.25.

Calculate the initial amount of money that Sogol invested.

Silver

Core 9 - Gold

Topic: Ratio & PL

Question 9

Lily started a business on 1st September, 2021 with a capital of Tshs 20, 000/= cash.
September 2. bought computer for cash 10,000/=
4. Sold goods for cash 4,000/=
5 . Purchased goods on credit 2,000/=
8 . Paid wages 6,000/=
9. Debtors paid 2,500/=
10. Purchased goods 3,000/=
11. Paid rent 5,000/=
15. Sold goods on credit 8,000/=
20. Paid interest 500/=
21. Sold goods 3,000/=
22. Interest received on investments 300/=
29. Paid for travel expsenses 1,000/=

By using these transactions, prepare the cash account.

Gold

Core 10- Gold

Topic: Ratio & PL

Question 10

Use the following trial balance to prepare trading, profit and loss account for Mr Smith as at 31st December 2016.

Account name	Dr	Cr
Cash	1,500,000	
Capital		2,800,000
Purchases	1,800,000	
Rent	300,000	
Computer	500,000	
Furniture	1,300,000	
Sales		3,000,000
Wages	400,000	
	5,800,000	**5,800,000**

Gold

Tanzania