



SCHOOL BASED ASSESSMENT
GRADE 8 JUNIOR SCHOOL
MARKING SCHEME

YEAR 2024

JS2402

MATHS

1. a) 16008029 - Sixteen million eight thousand and twenty nine.

b) 16,008,029

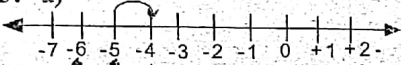
2. a) -2, -1, 0, 2

b) Positive - 0, 2

Negative - -1, -2

c) $-2.0 + 8^{\circ}\text{C} = +6^{\circ}\text{C}$

3. a)



b) $-5 + 1 = -4$
 $= -4 - 2 = -6$

4. a) $-6 + 7 = 3$

b) $-6 + 7 = 3$
 $= 3 - 5 = -2$

5. a) $10\frac{1}{2} - 13\frac{5}{8} + 6\frac{1}{4}$

$$= 10\frac{1}{2} + 6\frac{1}{4} - 13\frac{5}{8}$$

$$= 16\frac{3}{4} - 13\frac{5}{8} = 3\frac{1}{8}$$

b) $40\frac{2}{5} + 5\frac{1}{2} = 45\frac{9}{10}$

$$47\frac{3}{5} - 45\frac{9}{10}$$

$$= \frac{238}{5} - \frac{459}{10} = 1\frac{7}{10}$$

6. a) $\frac{2}{3} \times \frac{4}{5} \times \frac{15}{8} = 1$

b) $\frac{3}{8} - \frac{1}{4} \times \frac{4}{9} \times \frac{3}{1}$

$$\frac{3}{8} - \frac{1}{3} = \frac{1}{24}$$

7. a) $1 - \frac{7}{8} = \frac{1}{8}$

$$\frac{0.125}{8} = 0.015625$$

$$\frac{20}{-8} = -2.5$$

$$\frac{-16}{-8} = 2$$

$$\frac{40}{-8} = -5$$

b) 1.000

$$\frac{-0.125}{0.875} = -0.142857$$

$$0.875 \times 10^{-1} = 0.0875$$

8. $\frac{1}{12} \times 60 = 5$

$$\frac{1}{6} \times 42 = 7$$

Awino

9. $\frac{84 \times 1000}{60 \times 40} = \frac{60 \times 40 \times h}{60 \times 40} = \frac{84}{24} = 3.5 \text{ cm}$

10. $\frac{22}{7} \times 9.8 \times 9.8 = 301.84 \text{ m}^2$

$$\frac{22}{7} \times 8.4 \times 8.4 = 221.76 \text{ m}^2$$

$$\text{Area of the path } 301.84 - 221.76 = 80.08 \text{ m}^2$$

11. a) Construction

b) $\angle QPR = 75^{\circ}$

12. a) $17\% \text{ of } 850$

$$100 \times \frac{17}{100} = 17$$

$$83 \times 850$$

$$17 \text{ sh} = 4150$$

$$\text{b) } 4150 + 850 = \text{sh } 5000$$

13. $(2n-4)90$

$$180n - 360 = 360^{\circ}$$

$$180n = 108^{\circ} + 360^{\circ}$$

$$180n = 468$$

$$n = 468 / 180$$

$$n = 2.6$$

n = 2.6 or 3 sides

ENGLISH

1. The proof that Mr Kuria and Mrs Mambo had not met before is evident in their initial exchange where they introduce themselves to each other.

2. Mr Kuria visited the company to address complaints regarding workers' rights violations and to discuss evidence gathered during their investigations.

3. The statement shows that Mrs Mambo may not have been fully informed or aware of the issues raised regarding workers' rights in her company. It suggests a potential gap in communication or oversight within her leadership.

4. It would be important for Mrs Mambo's company to establish open communication to foster trust, transparency and a supportive work environment. This allows employees to voice their concerns freely, which can help address issues promptly and improve overall morale and productivity.

5. Yes, Mr Kuria accomplished his goal for the meeting with Mrs Mambo. Throughout the conversation, Mrs Mambo expressed her willingness to address the concerns raised, investigate allegations and take immediate corrective measures.

6. The people of Alara Village got good

harvests because the village was fertile and conducive for farming.

7. The villagers cut down trees because they desired more farmland and needed charcoal.

8. If the villagers did not find a solution to their problem, they would continue to face scarcity of food, leading to further suffering and potentially death for many villagers.

9. It made them realise the need to conserve the environment.

10. The mood of the villagers during the initial stages of the meeting was gloomy and spoke volumes of the problems they endured.

A possible summary of the passage

Choosing what to read is crucial for personal growth. Opting for books aligned with your passions enhances engagement and comprehension. Diverse reading broadens perspectives thus fostering understanding of various cultures and historical contexts. Engaging with challenging material sharpens critical thinking skills. Selecting books relevant to learning goals, including textbooks and reliable sources, facilitates academic success. In the digital age, discerning trustworthy information is paramount. Overall, thoughtful selection of reading material leads to a fulfilling and intellectually stimulating experience, helping to foster personal development and enriching one's life.

11. proof

12. falsehood

13. The thieves who attacked passersby were arrested by the chiefs.

14. The commanders-in-chief placed new mousetraps on their bookshelves.

15. The masters of ceremonies invited the brides' sisters-in-law to give votes of thanks.

16. He shouted, "You must not return to this place!"

17. George went to Upendo Bookshop in Eldoret town last Thursday to buy some text books.

18. "Mr Mwangi (our teacher of English) usually advises us to take our work seriously," said the children.

19. gaggle

20. parliament

12. Subject, posture, center of interest shape
13. a) 800m, 1500m, 1000m, 1200m races
b) Be in appropriate sportswear
-Maintain correct body posture
-Be alert and focused
-Be hydrated
-Warm up properly
c) Standing bending forward
d) Stand in a forward-facing position with one foot forward
-The other foot should be behind
-Feet shoulder-width apart
-Lift the heel of your back foot to achieve better balance

INTEGRATED SCIENCE

1. Solid have definite shape, volume, mass particles are closer, occupy space.
2. a- Solid b-Liquids
c- Gases
3. (a) Density is the mass of a substance per Unit Volume.
(b) Kg/M³
(c) Density=Mass/Volume, D= M/v
4. Physical change - Easily reversible
- No new substance formed
- Mass does not change
- No heat change
5. (a) Volume
(b) definite volume
(c) Eureka can
6. (a) Dynamo (b) Petrol/diesel generator (c) Car battery wet cell
(iii) B(petrol/diesel generator)
7. Hydrated, anhydrous
8. Acid, Bases
9. (a). P- Oviduct/Fallopian
Q- Ovary
- Womb/uterus
S-Vagina/birth canal
(b)-Part P C- part R
10. (a) Blue to black
(b) Chemical change- New substances are formed
-The change is irreversible
-Heat energy is released or absorbed.
11. Elements
12. (i) CU
(ii) Iron
(iii) Ag
(iv) Oxygen
13. Diffusion in liquids
14. A substance which contains two or more elements chemically combined together.
15. (i) elements
(ii) Groups
(iii) H- Hydrogen.

16. Compounds-Water
Hydrated copper II sulphate
Table salt
Ammonium Chloride
17. B- mass
C- weight

SOCIAL STUDIES

1. Topographical map
2. 9.12am
3. -The crust, The mantle, The core
4. The measure of degree of hotness or coldness of a place
5. direction of wind
6. a) Koobi fora / Fort Tenan
b) Olduvai Gorge / Nsongezi
7. evolution
8. iii, iv, i, ii
9. -Good climate and fertile soils
-Deep natural harbours
-Migration and settlement
-Islamic religion
-Development of the Indian Ocean trade
10. The change in number of people in a population either positively or negatively.
11. -good medical facilities
-cultural preferences
-low mortality rates
-Early marriages
-failure to use family planning motherhood
12. a)Ghana, Algeria, Ivory Coast
b) Sao Tome and Principe
c) The Asante
13. -Golden stool
-Beadwork
-Ogick hunter
14. -national unity / Rule of law
-Equity / Inclusiveness
-Integrity / human rights
15. Indirect democracy
16. Supreme court, Court of Appeal, High court
17. -Cape Verde, Angola, Mozambique
18. Having low opinion about yourself and feeling worthless
19. a) Digust b) Sadness
20. A process through which two or more people come together, discuss and reach a conclusion or an agreement
21. -being assertive
-Having integrity and self respect
-Choosing friends wisely
-Seeking guidance and counselling
22. Arabs, Persians, Portuguese, Indians
23. Bantu, Arabs

CRE

1. Sin is the disobedience or rebellion against God
2. Sin originated when Adam and Eve disobeyed God and ate from the tree of knowledge

3. Peter, Andrew, John and James
4. i) Elisha ii) Elijah iii) Ezekiel
iv) Jesus v) Peter
5. David
6. -Christian marriage
-African customary marriage
-Civil marriage
7. Protect the land, till the land, guard it, rule the animals, take care of animals, reproduction, naming animals
8. Genesis, Exodus, Leviticus, Deutronomy, Numbers
9. 10th commandment, Do not covet other peoples' property
10. -Healing the ten lepers
-Healing the Roman officer's servant
-Healing the Canaanite woman's son
11. Micah
12. He was standing on a Holy ground
13. Wisdom
14. Lost coin, lost son or prodigal son
15. Love, joy, peace, patience, kindness, goodness, humility, faithfulness, self-control
16. Chronicles - Ezra
Ruth - Samuel
1st and 2nd Kings - Jeremiah
Acts of Apostles - Luke
Colossians - Paul
17. Abraham, Isaac, Jacob, Joseph, Moses, David
18. 2nd day - sky, dome, firmament
4th day - heavenly bodies, sun, moon, stars
5th day - sea creatures, birds of air

IRE

1. Prophets provided leadership and guidance to their ummah using revealed scriptures.
2. a) Quarantine
b) using sanitizers, wearing a mask, avoid crowds
c) sneezing, coughing, touching contaminated places or items
3. Writing, teaching, reciting, memorization
4. -You are rewarded
-Your duas are accepted
prevents you from begging
-You get blessings from Allah(SWT)
5. Zakah and sadaqa
6. a) Manzil, Juzuu, Surah, Ruk'u, Ayah
b) For easy reading
-for easy memorization
- for easy understanding
7. a) Writing, teaching, memorization, recitation
b) The swahaba's kept personal copies
-They compiled the Qur'an into a single book
-Qur'an teachers were sent to different parts of the world.

8. It makes it easy to read
 - It makes memorization easy
 - It makes the understanding easy
9. Oneness of Allah(Tawheed)
10. a) Lauhul Mahfudh to Baitul Izza
Baitul Izza to the prophet(SAW) on earth
b) 23 years
11. a) Four
b) Abubakar(RA)
-Umar (RA)
-Uthman (RA)
-Ali (RA)
c) Umar (RA), Abubakar(RA)
12. a) Makkah, Madinah
b) Seven equal portions

PRE-TECHNICAL STUDIES

1. -Electric fault
 - accidental fire spills
 - gas explosions or flammable fuel explosion
 - careless smoking
2. i) Flammable
ii) Non flammable
iii) flammable
iv) non flammable
3. a) -smothering
 - use of dry chemical
 - use of fire extinguisher
 - use of foam
 b) Raise the alarm
 - Report to the principal or anyone in authority to summon the fire brigade
 - give guidance during the process of evacuating the building
 - direct and guide your colleagues, students to various fire assembly points
 - find out and forward any concerns from students for further investigations and remedial actions
4. -use of user name and strong passwords
-use of firewall
-use of back up copies
-use of updated virus detection and protection programmes
5. -computer virus, phishing
impersonation, improper shutting down of computer, hacking, cyber bullying, theft, natural disaster
6. a) Refers to external and internal devices and equipment that enable you to perform major functions such as input, output, storage, communication processing and more.
b) Keyboard - input hardware
Mouse input hardware
Projector - output hardware
Printer - output hardware
7. a) - The practise of safeguarding buyer of goods and services and the public against unfair protection in the market place.
-Safeguarding the consumers from exploitation by producers or market people.

- b) -To ensure they get quality goods and services
-Ensure the consumer gets necessary and important information regarding goods and services
-Right to compensation for loss and injury from defective goods and services

The government enlightens
-Government provides control in costing
c) -providing security
-ensure health safety on goods
-offering subsidies to business operators and buyers on basic commodities
d)-Healthcare Consumers Federation of Kenya

- Consumer Protection Association
 - Consumer Unit Trust Society
 - Consumer Federation of Kenya
 - Consumer International Network
 - Kenya Consumer Organization
- e) -Sensitizing consumers on their rights
-Informing consumers on the importance and need for healthy goods
-Sensitising and guiding consumers on costing
-Sensitising the consumers on the effects of dumping into the country economy

- g) i) non-business activity
ii) Business activity
iii) non-business activity
iv) non-business activity

8. a) Metallic materials
 - Shiny appearance
 - Easily gets hot and easily grows cold
 - Do not easily break
 - Produce sharp sound when kicked

Non-metallic materials

- dull appearance
 - do not easily experience change in temperature
 - easily breaks
 - produces a dull sound on knocking
 - b) they are magnetic
-Better conductors of heat
-More colourful appearance
-Good conductors of electricity
9. a) Do not pollute environment
-They are renewable or inexhaustible
-consistent energy supply
b) i) renewable
ii) non-renewable

AGRICULTURE & NUTRITION

1. a) i) strip cropping
ii) To reduce soil erosion
-To reduce the rate of runoff velocity/speed
-It improves wildlife habitat

- b) It stops the soil erosion by preserving the soil quality
-The bands of grass minimize the force of winds and prevent soil erosion
2. a) Earthing up
b) -Irish potatoes, beans, cassava, maize
c) -provides room for the tubers to increase in size
-To conserve moisture around the base of the growing crops
3. a) Honey combs, Muslin cloth, Glass bottle, Wooden spoon, Wooden rods
b) -To make it safe and easy to preserve for longer period
c) -Sources of energy. It is a energy giving food
-Acts as antibacterial agent
-It treats coughs, burns and promote wound healing
4. a) Size, colour, cleanliness, weight, shape, condition of the shell
b) source of proteins
c) to group together eggs which are uniform
5. a) Tomatoes, peppers, chillies, spinach, cucumber
b) Good distribution of light inside the greenhouse
-Warmth and humidity promote plant growth
-Prevents pests and diseases
-Increase production
6. Maize, castor, sunflower, cotton, potato, sugarcane
7. K - A grassed waterway
L - A water retention ditch
b) K - To prevent soil erosion, reduce the speed of water
L - To conserve surface runoff
8. -Helps to protect natural resources
-Restores habitats for plants and animals
-Improves water quality
-Makes soil healthier
9. a) Agroforestry
b) -They are deep rooted
-They grow tall and break the wind
-They are multipurpose
-They should survive frequent pruning and cutting
c) Acacia tree, umbrella tree
10. Beef, sausages, bacon, tomatoes, chicken
11. -Improvise a skewer using firm clean wires
-Improvise tongs using sharp sticks
-Improvise a grill using four stones and placing a wire on top
12. -Peel fruits and vegetables thinly
-Wash fruits and vegetables under running water before cutting them.
-Cut vegetables just before cooking
-Fruit and vegetables should not be soaked in water
13. Vitamins