

KENYA EDUCATORS CONSULTANCY EXAMS

TISMA 004

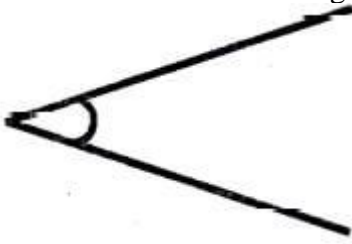
KPSEA -MATHEMATICS - GRADE 6 EXAM TERM 2 OPENER 2023

1. In a wedding ceremony, Grade six learners carried 2 342 chairs. They later went for 1 009 more chairs. Out of these, 1 810 were used. How many were not used?
 - A. 1 641
 - B. 1 541
 - C. 1 531
 - D. 1 631
2. In an Agricultural Exhibition, there were 324 867 participants. What is the place value of digit 2 in this number?
 - A. Hundreds.
 - B. Tens of thousands.
 - C. Thousands.
 - D. Hundreds of thousands.
3. Work out the LCM of 8 and 12.
 - A. 2
 - B. 12
 - C. 32
 - D. 24
4. Round off 43 866 to the nearest hundred.
 - A. 43 900
 - B. 43 860
 - C. 44 000
 - D. 43 800
5. Out of 12 864 chickens in a school, 6 028 were cocks and the rest were hens. How many hens were there?
 - A. 18 892
 - B. 18 792
 - C. 6 836
 - D. 6736
6. The distance between town X and town Y is 2 700m. How many kilometres and metres are between the two towns?
 - A. 2km 700m
 - B. 27km 00m
 - C. 2km 700m
 - D. 270km 00m

7. Mwende has a square piece of cloth whose side is **18cm**. What is the area of the piece of cloth?
- 36cm^2
 - 360cm^2
 - 324cm^2
 - 334cm^2
8. Kilo carried **29kg** of maize while Kaloki carried **33kg** of sorghum. What was the total mass carried by the two?
- 957kg
 - 602kg
 - 952kg
 - 62kg
9. How many $\frac{1}{4}\text{kg}$ packets can be obtained from **9kg**?
- 36
 - 18
 - 4
 - 24
10. A tuktuk covered **16km 61m** while a motorbike covered **18km 95m**. What was the total distance covered?
- 34km 156m
 - 35km 56m
 - 34km 56m
 - 35km 156m
11. Work out:
- | hrs | mins |
|--|------|
| 5 | 16 |
| x _____ | 7 |
| <ol style="list-style-type: none"> 35hrs 52mins 36hrs 112mins 35hrs 112mins 36hrs 52mins | |
12. Calculate the length of one side of a square whose area is **289cm^2**
- 27cm
 - 14cm
 - 17cm
 - 16cm
13. In the first attempt, an athlete finished a marathon race in 3. 45 hours. In the second attempt, he reduced the time by 1.09 hours. What time did he take in the second attempt?
1. 36 hours
 2. 36 hours
 4. 54 hours
 - 3.54 hourS
14. Fractions, $\frac{3}{10}$, $\frac{7}{10}$, $\frac{5}{10}$ and $\frac{9}{10}$ were to be arranged from the smallest to the largest which of the following would be the correct arrangement?
- $\frac{9}{10}$, $\frac{7}{10}$, $\frac{5}{10}$, $\frac{3}{10}$

- B. $\frac{3}{10}, \frac{5}{10}, \frac{7}{10}, \frac{9}{10}$,
C. $\frac{9}{10}, \frac{5}{10}, \frac{7}{10}, \frac{3}{10}$
D. $\frac{3}{10}, \frac{7}{10}, \frac{5}{10}, \frac{9}{10}$
15. Work out:
 361×18
A. 6 488
B. 6 398
C. 5 488
D. 6 498
16. One hundred and eight seedlings were to be shared equally among twelve farmers. How many seedlings would each farmer get?
A. 19
B. 1 111
C. 1 296
D. 9.
17. An NGO organisation donated 1291 600kg of maize to be shared equally among 8 boarding schools in a sub county. What mass of maize did each school get?
A. 16t 1600kg
B. 15t 200kg
C. 16t 200kg
D. 15t 1600kg
18. Petrol in a **40** litres **800ml** container was emptied to fill **8** equal containers. What was the capacity of each container?
A. 50 litres 10ml
B. 5 litres 100ml
C. 5 litres 10ml
D. 50 litres 100mi
19. Joan bought three bens each sh. 400. She later sold them for sh. 550 each. What was her profit
A. Sh. 1 650
B. Sh. 1 200
C. Sh. 450
D. Sh. 550
20. A. boy stood in the field facing south. How should the boy turn in order to face east?
Make a
A. quarter turn to his left.
B. quarter turn to his right.
C. full turn to his left.
D. half turn to his right.

21. Mr Hisabati drew an angle like the one shown below.



What is the name of the angle?

- A. Obtuse angle.
- B. Reflex angle.
- C. Acute angle.
- D. Right angle.

The table below shows the sale of milk in Mwanda's farm for a period of five days. Use it to answer the following questions.

Day	Amount sold in litres
Monday	146
Tuesday	230
Wednesday	180
Thursday	290
Friday	410

22. How many less litres of milk were on Wednesday than on Friday?

- A. 590ℓ
- B. 130ℓ
- C. 230ℓ
- D. 490ℓ

23. Which two consecutive days recorded the **lowest** sale of milk?

- A. Monday and Tuesday.
- B. Tuesday and Wednesday.
- C. Wednesday and Thursday.
- D. Thursday and Friday.

24. How much milk was sold on Monday, Tuesday and Thursday?

- A. 1 256ℓ

- B. 1 246ℓ
C. 656ℓ
D. 666ℓ
25. How much milk was sold on Monday, Tuesday and Thursday?
- A. 1 256ℓ
B. 1 246ℓ
C. 656ℓ
D. 666ℓ
26. Which one of the following lists shows money paid by the public to a county government of Kenya?
- A. Land fees, school fees, parking fee, cess
B. Market fees, cess, business permit, security fee
C. Market fees, business permit, cess, parking fee
D. Land fees, security fee, business permit, parking fee
27. Which of the following statements does **not** describe a rectangle? It has
- A. four equal sides.
B. four equal angles.
C. two pairs of equal sides.
D. each of its angles measuring 90 Degrees
28. A father bought ℓ hens. A mother bought **16** more hens. In total, **25** hens were bought. How many hens did the father buy?
- A. 19
B. 9
C. 41
D. 8
29. Mariarosa received **x** beads after their teacher divided **125** beads equally among **5** of them. How many beads did Mariarose get?
- A. 25
B. 35
C. 15
D. 45

30. A carpenter made **32** cupboards, **18** tables and **y** stools. If the total number of furniture was **63**, how many stools were made?

- A. 23
- B. 13
- C. 50
- D. 53