

TRENDING GHANA PORTAL (+233243910155)

END OF THIRD TERM EXAMINATION

MATHEMATICS

CLASS 6

NAME DATE

SECTION A (60 Marks)

1. is the relationship between two numbers or things showing much larger one number or group is than the other.

- a) Ratio b) Proportion
c) Rating d) Function

Use the table below to solve the questions below.

FOOD	NUMBER OF PUPILS WHO EAT THE FOOD
Banku	16
Waakye	48
Rice	24

Find the number of pupils who eat;

2. Banku and Rice
a) 16/24 b) 16/48
c) 48/16 d) 48/24
3. Banku and Waakye
a) 16/24 b) 16/48
c) 48/24 d) 48/16
4. Waakye and Rice.
a) 48/24 b) 16/24
c) 16/48 d) 48/10
5. Waakye and Banku.
a) 48/16 b) 48/24
c) 16/48 d) 16/24

The table below shows the number of children born in a week of a given hospital. use it to answer question 6-15.

DAY	S	M	T	W	T	F	S
	U	O	U	E	H	R	A
	N	N	E	D	U	I	T
CHIL	1	22	4	1	2	5	1
DRE	8		8	2	4	4	6
N							

Use the table above and leave your answer in the simplest form, write the ratio of children born on;

6. Sunday to Saturday.
a) 18/16 b) 16/18
c) 9/8 d) 10/12
7. Monday to Sunday.
a) 18/22 b) 22/18
c) 11/9 d) 9/11
8. Tuesday to Wednesday.
a) 48/12 b) 1/4
c) 4/1 d) 12/48
9. Tuesday to Saturday.
a) 48/16 b) 6/1
c) 3/1 d) 1/3
10. Friday to Monday.
a) 54/22 b) 27/11
c) 22/54 d) 54/48
11. Wednesday to Friday.



- a) 54/12 b) 12/24
c) 2/9 d) 12/54
12. Thursday Friday.
a) 24/54 b) 27/11
c) 12/54 d) 4/9
13. Saturday to Monday.
a) 16/22 b) 8/11
c) 22/24 d) 1/3
14. Thursday to Monday.
a) 12/11 b) 24/22
c) 48/16 d) 12/48
15. Tuesday to Friday.
a) 48/54 b) 24/54
c) 22/48 d) 8/9
16. The cost of two pairs of sandals is GHC 10.00. If Mrs. Dorothy decides to buy six pairs, find the total amount of money that Mrs. Dorothy has to pay.
a) GHC 20 b) GHC 30
c) GHC 40 d) GHC 35
17. A dozen of pencil cost ninety six Ghana pesewa. If Mrs. Dorothy decides to buy six pieces of pencils, calculate the total amount of money has she has to pay?
a) 8p b) 7p
c) 9p d) 10p
18. Six gallons of diesel cost GHC 36. How much will fifteen gallons of diesel cost?
a) GHC 80 b) GHC 90
c) GHC 95 d) GHC 85
- Kofi and Ama were given GHC 25 as their pocket money for the week. If they were asked to share the money in the ratio of 2 : 3. Find the amount each expect to receive.
19. Kofi's share,
a) GHC 10 b) GHC 20
c) GHC 15 d) GHC 5
20. Ama's share.
a) GHC 15 b) GHC20
c) GHC 10 d) GHC 25
21. Kofi's percentage.
a) 40% b) 80%
c) 30% d) 35%
22. Simplify 248m + 4395m.
a) 4643m b) 6434m
c) 4346m d) 4642m
23. Simplify 6.8km - 0.78km.
a) 6.02km b) 6.00km
c) 6.08km d) 6.06km
24. are the numbers that can divide the given exactly without any remainder.
a) Factors b) Multiples
c) Composite numbers d) Prime numbers
25. are the numbers which have only 1 as their common factor.
a) Co - prime number
b) Dio - prime number
c) Co - odd number
d) co - even number
26. The greatest factor that can divide two or more numbers without a remainder is known as
a) HCF b) LCM
c) HCM d) MCF
27. is a factor that has only two

factors, that is one and the factor itself.

- a) Prime factor
- b) Even factor
- c) Odd factor
- d) Composite factor

28. The process of breaking a number into its prime factor is called.....

- a) Prime factors
- b) Prime factorization
- c) Prime numbers
- d) Even factorization

29. A well define collection or group of

objects of the same kind is known as

- a) Set
- b) Site
- c) Elements
- d) Factors

30. are positive numbers from one to infinity. eg (1, 2, 3, 4

- a) Counting numbers
- b) Odd numbers
- c) Grouping numbers
- d) Even numbers

SECTION B (40 Marks)

Answer four (4) questions from this part.

- 1) a. Darko farms distributed 75,000 eggs to its customers in a week. It was discovered that the ratio of eggs that were destroyed to undestroyed one's was 1 : 4. What is the total number of eggs that were destroyed. **(2 marks)**
b. Divide 54 oranges in the ratio of 4 : 2 between Ahia and Elizabeth. **(2 marks)**
c. A building contractor uses two bags of cement and six heads pans of sand to make cement block. If he has thirty head pans of sand available to make cement blocks, how many bags of cement does he need? **(2 marks)**
d. A photocopier machine can print 100 sheets in 60 seconds. How many copies can be printed in 5 minutes. **(2 marks)**
e. If 4 gallons of petrol can cover a 25km journey. How many gallons of petrol do Mr. Mumuni needs to travel 15km distance. **(2 marks)**

- 2) The table below shows the number of Government textbooks given to Berekum M/A Basic School during 2010/2011 academic year. **(10 marks)**

TEXTBOOKS	MATHS	ENG	SCI	RME	CE	TWI	CA	FRENCH
QUANTITY	50	60	45	30	55	62	30	25

Use the table above to answer the following questions.

- a. Find the total number of books supplied to the school.
- b. Which subject recorded the highest number of supply?
- c. What was the least number of books supplied and for which subject?
- 3) Write the numerals for each of the following number names. **(10 marks)**
- a. Sixteen million, three hundred and twenty eight thousand, four hundred and fifty.
- b. Seven hundred thousand, two hundred and eighty three.
- c. One million, nine hundred and seventeen thousand, three hundred and nine.
- d. Add the sum of $\frac{1}{4}$ and $\frac{1}{5}$ to the difference of $\frac{7}{8}$ and $\frac{4}{12}$.
- e. A farmer has $\frac{3}{4}$ portion of his farm to be weeded. What is the portion left to be weeded if his children decided to weed $\frac{1}{2}$ of the portion.
- 4) Solve the following completely. **(5 marks)**
- a. $\frac{2}{3} + \frac{3}{5} \times \frac{1}{4} \times \frac{2}{5}$
- b. $1\frac{1}{6} + 1\frac{5}{6} - 2\frac{1}{4}$
- Arrange the following fractions in ascending order. **(2 marks)**
- c. $\frac{1}{3}, \frac{3}{4}, \frac{3}{5}$
- d. $\frac{5}{6}, \frac{1}{4}, \frac{4}{5}$
- Arrange the following fraction in descending order. **(3 marks)**
- d. $\frac{5}{6}, \frac{4}{5}, \frac{6}{7}$
- e. $\frac{1}{8}, \frac{2}{5}, \frac{3}{7}$
- f. $\frac{3}{5}, \frac{4}{5}, \frac{5}{6}$
- 5) Find the HCF using the prime factorization method. **(10 marks)**
- a. 70
- b. 116
- c. 108
- d. 120

