

TRENDING-GHANA EXAMINATIONS CONSULTS

(INTELLIGENCE IS OUR HALLMARK)

SUBJECT: MATHEMATICS

SECTION A - OBJECTIVES

Answer **all** questions in this part.

1. Arrange the fraction $\frac{3}{4}, \frac{2}{3}, \frac{3}{5}$ in ascending order

a) $\frac{2}{3}, \frac{3}{4}, \frac{3}{5}$

b) $\frac{3}{4}, \frac{2}{3}, \frac{3}{5}$

c) $\frac{3}{5}, \frac{2}{3}, \frac{3}{4}$

d) $\frac{3}{5}, \frac{3}{4}, \frac{2}{3}$

2. If 26039 oranges are shared equally among 13 women, how many oranges does each woman receive?

a) 23

b) 203

c) 230

d) 2003

3. Simplify $\frac{1}{2}(1\frac{1}{2} + \frac{3}{4} \div \frac{1}{4})$

a) $1\frac{1}{2}$

b) $2\frac{1}{4}$

c) $2\frac{3}{4}$

d) $4\frac{1}{2}$

4. Simplify $\frac{1}{3} - \frac{1}{2} + \frac{2}{5}$

a) $\frac{17}{30}$

b) $\frac{12}{30}$

c) $\frac{7}{30}$

d) $\frac{-7}{30}$

5. Write *two hundred thousand and fifty-seven* in figures

a) 20057

b) 200057

c) 2000057

d) 20000057

6. Arrange the following fractions in descending order of magnitude $\frac{1}{2}, \frac{17}{20}, \frac{3}{4}$

a) $\frac{3}{4}, \frac{17}{20}, \frac{1}{2}$

b) $\frac{17}{20}, \frac{3}{4}, \frac{1}{2}$

c) $\frac{1}{2}, \frac{3}{4}, \frac{17}{20}$

d) $\frac{1}{2}, \frac{17}{20}, \frac{3}{4}$

7. Evaluate $\frac{37}{100} \times \frac{7}{10}$

a) 0.259

b) 2.590

c) 25.900

d) 259.000

8. Simplify $1\frac{1}{2} + 2\frac{1}{4} - 3\frac{5}{8}$

a) $\frac{1}{8}$

b) $\frac{3}{8}$

c) $\frac{3}{16}$

d) $\frac{5}{16}$

9. Simplify $(46 \times 102) + (102 \times 54)$

a) 1,020

b) 10, 200

c) 102,000

d) 1,020,000

10. $\frac{20}{48}$ written in its lowest term will be

a) $\frac{2}{45}$

b) $\frac{20}{12}$

c) $\frac{20}{32}$

d) $\frac{5}{12}$

SECTION B

Answer **all** questions in this part.

1. a) Write these fractions in lowest term

(i) $\frac{10}{12}$ (ii) $\frac{20}{35}$ (iii) $\frac{12}{15}$ (iv) $\frac{16}{24}$

b) Evaluate the following

i) $(2\frac{1}{3} + 4\frac{1}{2}) \div 8\frac{1}{5}$

ii) $2 \times (3\frac{1}{3} + 1\frac{1}{6})$

c) Express the following fractions as a percentage

i) $\frac{1}{50}$

ii) $\frac{1}{10}$

iii) $\frac{1}{20}$

iv) $\frac{2}{25}$

v) $3\frac{1}{2}$

2. A driver spends money on petrol in a given weeks as follows;

Monday Gh¢150.25

Tuesday Gh¢100.50

Wednesday Gh¢120.30

Thursday Gh¢85.55

Friday Gh¢140.00

a) Find how much was spend on petrol for the whole week

3. a. Write the following numerals in words

i) 78,235,425

ii) 892,324,425

iii) 6,784,977,646

iv) 5,400,098

v) 100,101,011

b. A group of 215 men and 784 women went to watch a musical concert. An amount of Gh25 was collected at the gate from each person. How much money was collected altogether?

c. Draw a multiplication table of 12 by 12

i) Cross out all factors of 12

ii) Circle all multiples of 4