

Class: 4

Sub: Math 'I'

Final term exam

2077

Full mark: 100

Time:

Pass mark: 40

Attempts all the questions.

Q.N.1 Write the following numerals in expanded form: -5

a. 4, 37, 815

b. 18, 43, 547

c. 99, 99, 999

d. 98, 08, 123

e. 72, 19, 587

Q.N. 2 Write the place value of the underlined in each number according to Nepali place value system. 5

a. 935432910

b. 102030405

c. 97783056

d. 684333792

e. 402957421

Q.N.3 Find the prime factors of the following numbers:- 5

a. 24

b. 36

c. 12

d. 60

e. 72

Q.N. 4 Write the following in short form: - 5

a. $6 \times 100 + 7 \times 10 + 9 =$

b. $7 \times 1000 + 5 \times 100 + 4 \times 10 + 1 =$

c. $9 \times 1000 + 2 \times 100 + 3 \times 10 + 2 =$

d. $8 \times 10000 + 7 \times 1000 + 5 \times 100 + 4 \times 10 + 3 =$

e. $5 \times 10000 + 5 \times 1000 + 5 \times 100 + 5 \times 10 + 3 =$

Q.N. 5 If $a=0$, $b=1$, $c=2$ and $d=3$, find the value of 5

a. $a + b + c$

b. $2a + 2b + 2c$

c. $a^2 + b^2 + c^2$

d. $a^3 + b^3 + d^3$

e. $a + b + c + d$

Q.N. 6 Solve the following problems.

a. Ram has Rs. 450 and Shyam has Rs. 672. How much money do they have altogether?

b. Ishwor has Rs. 825. He purchases a jacket in Rs. 325. How much money is left with him?

c. There are 8 rooms in a hotel. 20 guests can stay in a room. How many guests can in the hotel?

d. There are 150 students in grade four. There are 5 sections. How many students are there in each section?

e. There are 4256 boys and 3481 girls in a school. How many students are there in the school?

Q.N.7 Simplify: - 5

a. $2 \times \{15 + (16 - 6)\}$

b. $\{60 - (20 + 30)\} \times 82$

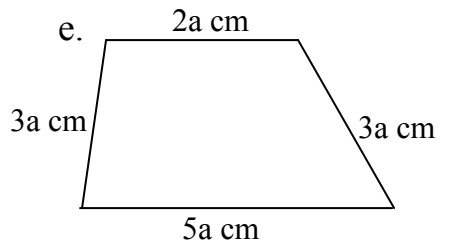
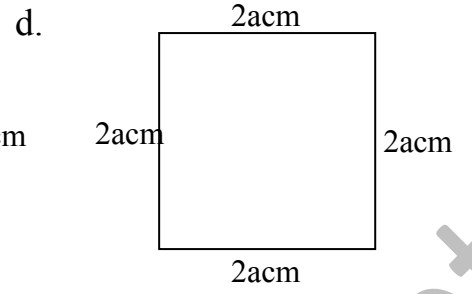
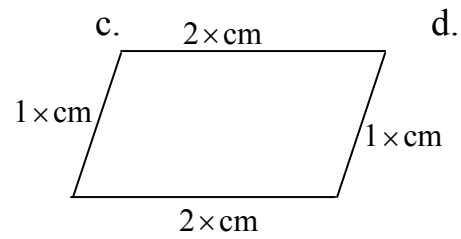
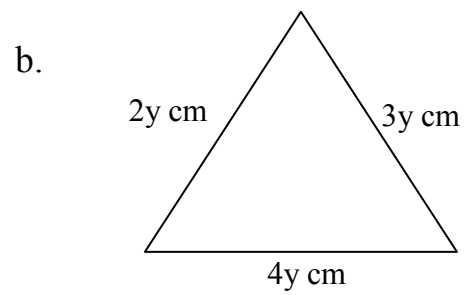
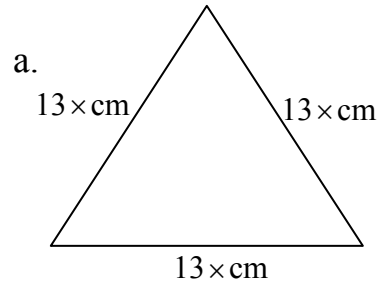
c. $16 \div \{14 + (2 \times 1)\}$

d. $\{50 - (14 + 7)\} \times 12$

e. $60 \div \{18 + (3 \times 4)\}$

Q.N.8 Write any five equivalent fractions of $\frac{2}{3}$ 5

Q.N. 9 Find the perimeter of the following figures. 5



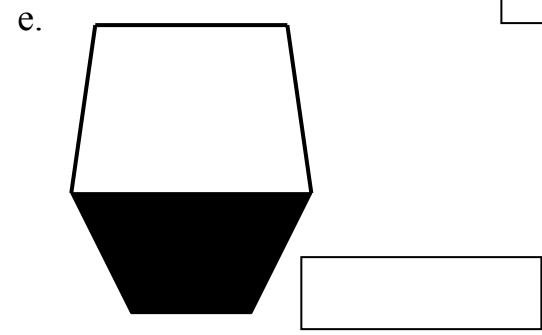
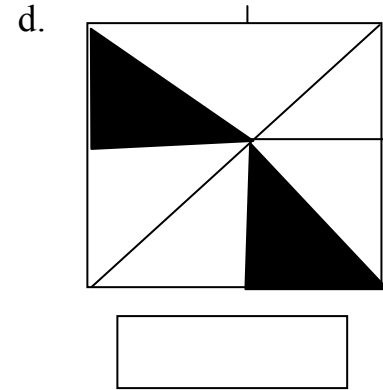
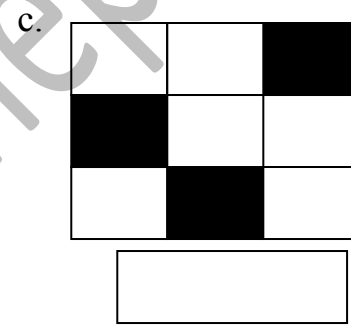
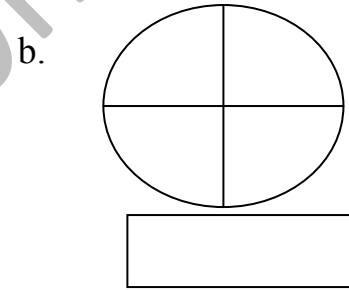
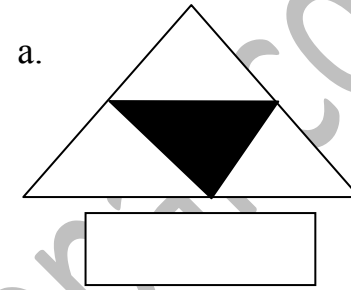
Q.N. 10 Simplify

5

i. $\frac{2}{7} + \frac{3}{7} - \frac{1}{7}$

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

Q.N. 11 Find the fraction of shaded parts. 5



Q.N. 12 Draw the following line segments using pencil and ruler. 5

a. AB = 4 cm

b. DE = 9 cm

c. PQ = 5.1 cm

d. XY = 4.8 cm

e. MN = 8.5 cm

Q.N. 13 Define the following: - 5

a. Acute angle

b. Right angle

c. Straight angle

d. Obtuse angle

e. Reflex angle

Q.N. 14 Fill in the correct number in the box: - 5

a. + 6 = 13

b. 12 - = 8

c. + 7 = 15

d. 14 × = 15

e. $\frac{120}{\text{input type="text"/>$ = 12

Q.N. 15 a. Find the H.C.F. of: - 5

i. 15, 20

ii. 24, 36

Q.N. 16 Find the L.C.M of: - 5

a. 20, 30

b. 36, 48

Q.N. 17 Subtract the following: -

5

$$\begin{array}{r} \text{a.} \quad 1 \quad \text{ml} \\ 129 \quad 392 \\ - 94 \quad 149 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b. kg} \quad \text{grams} \\ 79 \quad 657 \\ - 45 \quad 343 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c. Rs.} \quad \text{paise} \\ 129 \quad 392 \\ - 94 \quad 149 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d. Km} \quad \text{m} \quad \text{cm} \\ 129 \quad 768 \quad 392 \\ - 94 \quad 323 \quad 149 \\ \hline \end{array}$$

Q.N. 17 Add the following: -

5

$$\begin{array}{r} \text{a. hours} \quad \text{minutes} \\ 10 \quad 30 \\ + 3 \quad 20 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b. Weeks} \quad \text{Days} \\ 7 \quad 1 \\ + 2 \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c. Days} \quad \text{hours} \\ 8 \quad 12 \\ + 10 \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d. Days} \quad \text{hours} \\ 5 \quad 6 \\ + 6 \quad 4 \\ \hline \end{array}$$

Q.N. 18 Express the following fractions as decimal numbers.

a. $\frac{3}{8}$ b. $\frac{4}{20}$ c. $\frac{7}{10}$ d. $\frac{18}{100}$ e. $\frac{18}{100}$

Q.N. 19 Add: - a. $3x+2x$

b. $6ab+3ab$

Subtract: -

a. $6a-2a$

b. $4x-x$

Q.N. 20 Solve the following: -

a. $x+2=5$

b. $x+3=7$

c. $x-2=2$

d. $3x-2=4$

e. $2y=10$

The End