Choose the correct answer:

1 _____ is a measure of an acute angle.

A. 179° B. 120° C. 90° D. 70°

2 The colored part in the opposite figure represents an angle of measure _____°

A. 270 B. 240 C. 120 D. 40

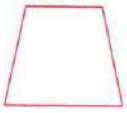
3 $\frac{7}{12}$ is closer to benchmark fraction _____

A. $1\frac{1}{2}$ B. 1 C. $\frac{1}{2}$ D. 0

4 If $\frac{12}{X} = \frac{2}{3}$, then X = _____.

A. 20 B. 14 C. 18 D. 13

5 The following trapezium has _____ obtuse angle[s].



A. 4 B. 3 C. 2 D. 1

6 The two perpendicular lines are _____

A. parallel. B. acute angled. C. intersecting. D. straight angles.

7 Which fraction of the following equals 1?

A. $\frac{1}{10}$ B. $\frac{10}{10}$ C. $\frac{2}{10}$ D. $\frac{25}{10}$

8 $\frac{1}{10} + \frac{20}{100} =$ _____.

A. $\frac{30}{100}$ B. $\frac{21}{10}$ C. $\frac{30}{10}$ D. $\frac{21}{100}$

9 70 + 5 + 0.6 + 0.03 = _____ [in a standard form]

A. 75.36 B. 75.63 C. 7.563 D. 705.36

10 0.25 ☐ 0.3

A. > B. < C. = D. otherwise

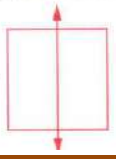
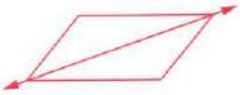
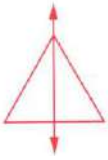
11 $\frac{48}{10}$ = _____ [as a decimal]

A. 48.0 B. 4.8 C. 0.48 D. 480

12 Any triangle has at least _____ acute angle[s].

A. 3 B. 2 C. 1 D. 0

13 All the following figures show a line of symmetry except _____

A.  B.  C.  D. 

14 $5\frac{4}{10}$ is equivalent to _____.

A. 540 B. $\frac{54}{100}$ C. 0.54 D. 5.4

15 $1\frac{1}{4}+\frac{3}{4}=$ _____.

A. $2\frac{1}{4}$ B. $2\frac{3}{4}$ C. 2 D. $1\frac{1}{2}$

16 The opposite figure is named as _____

A. $\overleftrightarrow{AB}$ B. $\overline{AB}$ C. $\overrightarrow{AB}$ D. $\overrightarrow{BA}$

17 5 Tenths = _____.

A. 0.50 B. 5.5 C. 0.05 D. 0.55

18 Which of the following fractions is closest to $\frac{1}{2}$?

A. $\frac{1}{4}$ B. $\frac{7}{16}$ C. $\frac{9}{10}$ D. $\frac{11}{12}$

19 The unit fraction from the following is _____

A. $\frac{3}{7}$ B. $\frac{4}{5}$ C. $\frac{5}{9}$ D. $\frac{1}{10}$

20 The place value of the digit 5 in the number 12.5 is _____.

A. Tenths B. Tens C. Hundreds D. Hundredths

21 Which of the following has the same value as $\frac{3}{7}$?

A. $\frac{2}{7}+\frac{2}{7}+\frac{2}{7}$ B. $\frac{3}{7}+\frac{3}{7}$ C. $\frac{1}{7}+\frac{1}{7}+\frac{1}{7}$ D. $\frac{1}{7}+\frac{2}{7}+\frac{3}{7}$

22 $\frac{5}{8}$ ☐ $\frac{5}{11}$

A. < B. = C. >

23 Which of the following angles is a measure of an acute angle ?

A. 70° B. 90° C. 150° D. 120°

24 The value of the digit 4 in the number 5.41 is _____

A. 0.4 B. 0.04 C. 1.4 D. 0.14

25 $\frac{1}{3}+\frac{1}{3}+\frac{1}{3}+\frac{1}{3}=$ _____

A. $\frac{5}{3}$ B. $4\times\frac{1}{3}$ C. $\frac{4}{12}$ D. $\frac{1}{12}$

26 4 Hundredths = _____

A. 0.04 B. 4.04 C. 0.4 D. 4.40

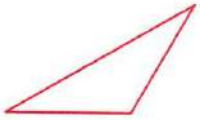
27 The opposite figure is named as _____

A. $\overline{PQ}$ B. $\overleftarrow{QP}$ C. $\overrightarrow{PQ}$ D. $\overleftrightarrow{PQ}$

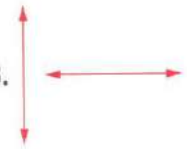
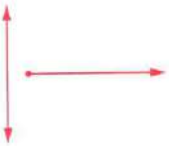
28 The opposite triangle is _____ triangle.

A. a Right B. an Acute

C. an Obtuse D. a straight



29 Which of the following lines shows two parallel lines ?

A.  B.  C.  D. 

30 _____ angle measures between 90° and 180°

A. An acute B. A right C. An obtuse D. A straight

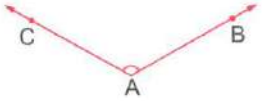
31 $\frac{15}{6}=\frac{\_}{2}$

A. 3 B. 2 C. 5 D. 4

32 $\frac{2}{9}\times$ _____ $=\frac{2}{9}$

A. 0 B. 1 C. $\frac{2}{9}$ D. $\frac{9}{2}$

33 The opposite angle is named as angle _____



A. CAB B. BCA

C. CBA D. ABC

34 The type of triangle whose side lengths are 10 cm , 8 cm and 6 cm. is _____ triangle.

A. an isosceles B. an obtuse C. an acute D. a scalene

35 Which of the following represents a ray AB ?

A. $\overleftrightarrow{AB}$ B. $\overrightarrow{AB}$ C. $\overrightarrow{BA}$ D. $\overline{AB}$

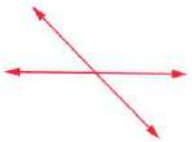
36 0.5 ☐ 0.13

A. > B. < C. = D. ≥

37 $\frac{7}{8}$ is closer to the benchmark fraction _____

A. 0 B. 1 C. 2 D. $\frac{1}{2}$

38 The opposite figure represents _____ straight lines



A. a parallel B. a perpendicular

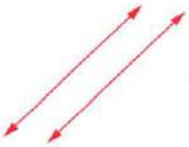
C. an intersect D. a congruent

39 Which of the following is the measure of an obtuse angle ?

A. 25° B. 90° C. 88° D. 95°

40 $\frac{5}{9} + \frac{4}{9} =$ _____

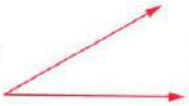
A. $\frac{1}{9}$ B. $\frac{9}{18}$ C. 1 D. $\frac{20}{81}$

41 The two lines  are _____

A. intersecting. B. perpendicular. C. parallel. D. scalene.

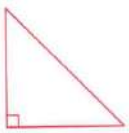
42 Fifteen hundredths = _____ .

A. 1.5 B. 0.15 C. 0.015 D. 10.5

43 The angle  is _____ angle.

A. an acute B. a right C. an obtuse D. a straight

44 The opposite triangle is _____ triangle.



A. a right B. an acute

C. an obtuse D. a straight

45 $\frac{2}{3} = \frac{\_}{9}$

A. 3 B. 6 C. 9 D. 12

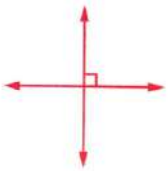
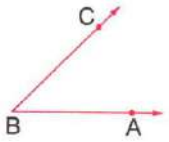
46 Which of the following are two parallel straight lines ?

A.  B.  C.  D. 

47 $\frac{4}{5} \square \frac{2}{5}$

A. < B. > C. = D. ≤

Complete:

1	2.3 = _____ Hundredths.
2	The fraction $\frac{5}{12}$ makes an angle of measure _____ ° from the circle.
3	The angle of measure 180° makes a fraction _____ of the circle.
4	The _____ triangle has no equal sides.
5	$3\frac{1}{5}$ = _____ [as an improper fraction]
6	$\frac{7}{9} = \frac{1}{9} + \frac{\_\_}{9} + \frac{\_\_}{9}$
7	In Δ ABC , if AB = AC = 3 cm and BC = 4 cm , then it's _____ triangle.
8	$3\frac{1}{4} = \frac{\_\_}{4}$
9	5 + 0.6 + 0.02 = _____ [in a standard form]
10	The opposite two lines are _____ 
11	The equilateral triangle has _____ equal sides.
12	$\frac{5}{4} = \frac{\_\_}{20}$
13	$5\frac{2}{10}$ = _____ [as a decimal number]
14	24 Tenths = _____
15	The measure of an _____ angle is less than the measure of a right angle.
16	The rectangle has _____ right angles.
17	The name of the opposite angle is _____ 
18	$\frac{30}{100} = \frac{\_\_}{10}$

19 $\frac{6}{100} + \frac{1}{100} = \frac{\quad}{\quad}$

20 The measure of the straight angle = _____ °

21 $\frac{2}{3} \times \frac{\quad}{4} = \frac{8}{12}$

22 The type of the angle of measure 150° is _____ angle.

23 $\frac{8}{10} - \frac{5}{10} = \frac{\quad}{\quad}$

24 Seven and three tenths = _____

25 5 + 0.50 + 0.01 = _____

26 The type of the angle of measure 50° is _____

27 $7\frac{7}{9} - 4\frac{5}{9}$ = _____

28 5.2 = _____ Tenths.

29 The _____ has four right angles and four equal sides.

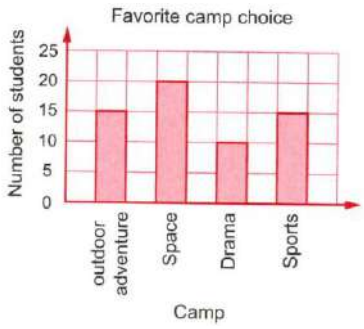
30 $\frac{2}{5} \times \frac{3}{3}$ = _____

31 Write the name of the following figures :

a. ⟷ _____ b. ⟶ _____

32 By using opposite graph :

Number of students who choose sports = _____



33 The measure of the right angle = _____ °

34 If the opposite table represents the favorite color of 30 persons , then the favorite color is _____

The color	Red	Yellow	Black	Green
No. of persons	12	10	2	6

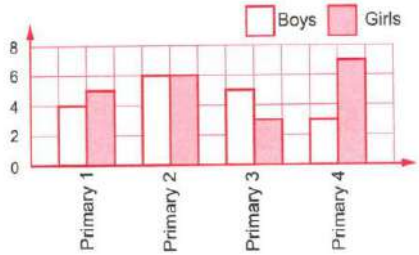
35 The value of the digit 7 in the number 3.75 is _____

36 Six and 4 hundredths = _____ (in decimal form)

37 The name of is a _____.

38 Complete the table.

Pupils	Primary 1	Primary 2	Primary 3	Primary 4
Boys	____	6	5	____
Girls	5	____	____	7



Essay Problems:

1 Draw ∠ ABC of measure 110° and determine its type.

Type : _____.

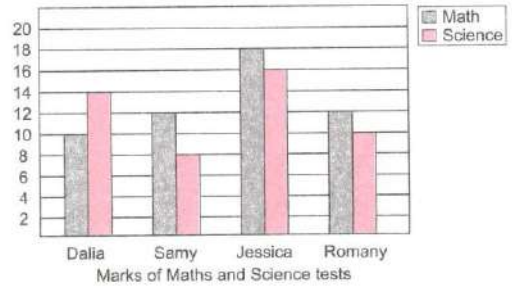
2 Amira bought 1.4 kg of tomatoes. Nada bought 1.6 kg of tomatoes , who bought less ?

3 . The opposite graph shows the marks of four studens in Math and Science tests complete the following.

a. The student who got the highest mark in Math is _____

b. The difference between Math's mark and Science's mark of Romany is _____

c. The student who got the lowest mark in Science is _____



4 There are 15 birds on a tree , $\frac{2}{5}$ of them flew away. What is the number of birds that flew away ?

5 $3\frac{2}{5}+1\frac{1}{5}=$ _____

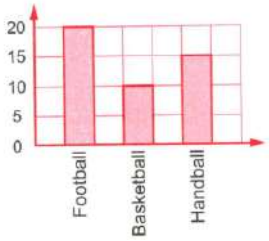
6 $5-2\frac{3}{7}=$ _____

7 Find : $7\frac{9}{13}-5\frac{5}{13}$

8 Arrange the following decimals in a descending order 0.08 , 0.03 , 0.9 , 0.5

The order is : _____

9 By using the opposite graph :
How many boys prefer handball ?

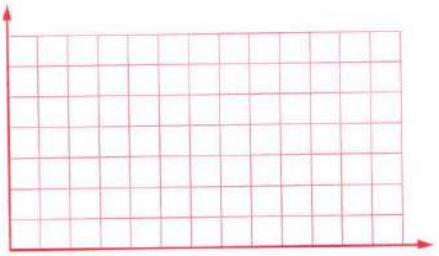


10 Draw an angle with measure 90°

11 Mohamed had solve $\frac{1}{6}$ of his homework before returns to home, what is the fraction which represents the remainder of the homework ?

12 Represent these data by using the double bar graph :

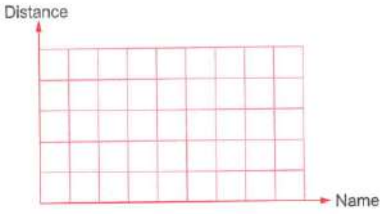
Day	Saturday	Sunday	Monday	Tuesday
Hazem	2	1	2	3
Kareem	1	2	3	2



13 Hossam walked $\frac{5}{10}$ km. and then he walked $\frac{21}{100}$ km. How long did Hossam walk in all ?

14 The following table represents the distance of walking of 4 people in km.
Represent it by bar graph.

Name	Ayman	Salma	Yousef	Ahmed
Distance	4	3	2	3



15 Draw an angle of measure 70°