**Cairo governorate**

**Nasr city educational zone**

**Alson Modern schools**

**For**

**Primary Five**



**Name: ……………………**

**Class: ……………………..**

**Final revision for primary (5)**

 (1) Complete;

Is…………………… 1-The reciprocal of $\frac{4}{5}$

…………………… 2- $\frac{1}{3} of \frac{3}{4 }= $

3-When you tossing a coin once , then the probability of getting a tail=…

4- { 9 , 4 } $⊂$ { X , 5 , 9 } then X =…………………

5- 536.5 ÷ 100=……………

 6- $\frac{3}{4}÷ \frac{5}{8}=………$

7- If 4$\in $ { 2 , n , 5 } , then n=……………

Then A=…………… 8- $\frac{2}{5} = \frac{A}{15}$

9- If { X , 7 } = { y , 20 } , then X=………… , Y=……………

10- The longest chord in a circle is called…………….

11- 2.5781$≅$…………………( to the nearest hundredth)

………………(to the nearest thousandth) 12- $\frac{2}{3} ≅$

13- 10 – 3.5116 =………………….. $≅$ …………(to the nearest thousandth)

14- 12.376 + 8.75 =…………….$≅$…………..(to the nearest hundredth)

Y=……………….. 15- If X$⊂$Y , then X $⋃$

16- If X$⊏$Y , then X $∩$Y=…………….

17- If a die is tossed once , then the probability of getting a number less than or equal 6is………………….

{ 2, 5 , X+1 } , then X=…………………. 18- If 3$\in $

19-{ 1 , 3 , 5 } $∪$ { 3 , 6}=………..

20- 96.7 ÷ ………..= 0.967

 =………………... 21- X $∩\overbar{X }$

22- 0.97 × 0.5=……………

23- 354 cm. = ……………m

24- If X= { 1, 4 } , Y= { 3 , 4 } then X $∩$Y =……….

25- $\frac{1}{2}of a year=………..months$

26- The probability of certain event =……………

27- The reciprocal of$2\frac{2}{3} is…………$

28- $3\frac{1}{2}×2\frac{1}{2}=…………..$

29- If Y$\in \left\{ 1, 2 \right\}∩ \left\{ 2 , 3\right\} then Y=……..$

30- 0.65 × 10=………..

31The figure which has two pairs of opposite sides parallel and equal in length is………………….

32- $2\frac{2}{6} days=….hours$

33- In a circle , if the length of radius =5cm. , then the length of diameter =…..cm.

34- If { a, 2 , 5 } = { 2 , 5 , 7} , then a=………………

35- The length of radius of circle whose diameter 8cm. is …………..cm

36-Any line segment whose end points lie on the circle is called ……………………..

37- 3$\frac{1}{2}×………=7$

38- The probability of impossible event=……………

39- Set of digits in the number 3535 is………..

40- When tossing a die once , the probability of getting an odd number is…………………….

41- IF U={ 1 , 2 , 3 , 4 } and A={ 1, 2, 3} , then $\overbar{ A }$=…………….

42- {1 , 2, 3, 4} - { 1, 2, 3 }=………………..

43- The set containing no number of elements is called……………

**(2) Choose the correct answer;**

1- 8……………{3,6,9,12} ( $\in , \notin $, $⊂, ⊄)$

2- The diameter of the circle M is………….

( $\overbar{MA }$ . $\overbar{MC} , \overbar{AC} , \overbar{AB} )$

3- { 3} …..{ 1, 3 , 5 } ( $\in , \notin $, $⊂, ⊄)$

4- { 1 , 2 }$∪\left\{ 2, 3 \right\}=………….$

 ) ( { 2 } or { 1 , 3 } or { 1, 2 ,3 } or $∅$

5- 1.25 × 3.2 …….. 32 × 12.5 ( < , > , or = )

6- 3.6 K.m………. 360 m. ( < , > or =)

7- All radii of the circle are……in length

( different – unequal- equal)

8- { 15} ………..{ 1 , 5 , 16 } ( $\in , \notin $, $⊂, ⊄)$

9- A class contains 40 pupils 25 of them are boys .If a pupil is choosen at random .then the probability that this pupil is girl……………($\frac{ 3}{8} ,\frac{5}{8} ,\frac{3}{5} , 1)$

10- The number of altitudes of any triangle is……(0, 1 , 2 , 3)

11- If { 2, 3} - { 3, X}=$∅ ,then X=……………\left(0,1,2,3\right)$

 12- $∅…………\left\{ 1 , 5\right\} ( \in , \notin , ⊂, ⊄)$

13- $3\frac{1}{8} ≅………….\left(to the nearest hundredth\right)$

( 3.10 – 3.1 – 3.12 – 3.13 )

14- { 2 , 11 } ………..the set of odd numbers} ( $\in , \notin $, $⊂, ⊄)$

15- If C={all prime numbers},then 7……..C } ( $\in , \notin $, $⊂, ⊄)$

16- Set of even numbers between 11,12 is…………..

 ({12} or { 11,12} or {2,12} or $∅)$

17- $\overbar{AD }$is a …….in the circle

C

B

A

( chord – radius - center – diameter )

18- If $\frac{6}{13}<\frac{X}{13}<\frac{8}{13} ,then X=……………$

D

( 6 – 7 - 8 – 13 )

19- The right angled triangle has ……. Altitudes

( 4 - 3 - 0 - 1)

20- If X$∩Y=X∪Y. then…..\left(X⊄Yor Y⊄Xor X=Yor X∩Y=∅\right)$

21- If a die is tossed once , the probability of appearance of a number greater than 6=……( 0 – 1 - $\frac{1}{6} -6)$

22- When tossing a die once , the probability of getting a number greater than 5 is…………..( $\frac{1}{3}- \frac{1}{2} – \frac{1}{6 } - \frac{2}{3} )$

23 $\frac{3}{5}÷\frac{1}{5}=……………….\left(\frac{3}{15}-4-3-5\right)$

24- { 7 , 3 }$∪\left\{ 0 ,X\right\}= \left\{ 0 , 3 , 7 , 5\right\},then X=……………$

 (0 , 3 , 7 , 5)

25- $\frac{7}{8} ………..\frac{8}{7}$( < - > - =)

26-($\overbar{X }$)'=…………… ( X - X' - U - $∅ )$

27- The altitudes of ………….. angled triangle intersect inside the triangle ( right - acute – obtuse )

28- The altitudes of ……………angled triangle intersect outside triangle (right – acute – obtuse )

29- The probability of appearance of even number on a die =……………( 1 – 0 – $\frac{1}{2}- \frac{3}{4} )$

30- The figure which has 2 pairs of parallel lines and 4 equal sides is…………………(parallelogram- circle – rhombus – rectangle )

31-The digit 6 in the number 35.867 is in the ………….place

( tens - tenth – hundreds - hundredth )

32- 5………….{even numbers}} ( $\in , \notin $, $⊂, ⊄)$

**(3)Arrange the following in**

**an ascending order:** a- $\frac{1}{2 } , \frac{5}{7} and \frac{4}{ 5}$

………………………………………………………….

b-$\frac{2}{5} , \frac{1}{2} , \frac{3}{4} and \frac{7}{10}descending order$

…………………………………………………………

**(4)Find the result :**

a- (3.69 ÷ 3) $×$2=…………..

b- 21 – ( 7.02 × 1.8 )=……….

c-$\frac{7}{8} ×7\frac{1}{4}=…………..$

d-$\frac{3}{4}÷\frac{5}{8}=……………$

e- 4. 1624 × 10=………….

**(5) story problem;**

1- The perimeter of a square is $\frac{4}{9}$ cm. , find the length of each side length of square.

…………………………………………………………………………….

2- Mai went to the market .she bought 4.5kg of fish each for L.E.12 and 6Kg of apples each for L.E 5.5

How many pounds did she pay?

…………………………………………………………………………

3-A truck can carry 265 watermelons. Find the number of trips needed to transport 54 060 watermelons.

…………………………………………………………………………

4-Ahmed has 50pounds .he bought 12 cans each for 1.75pounds

What is the remainder with him?

…………………………………………………………………………

5-Tarek bought 7.5kg of meat .if the price of one kg is 42.5 pounds calculate to the nearest pound the price of meat.

……………………………………………………………………..

6- A teacher bought a piece of cloth 10.5m long to be distributed equally among excellent pupils. She gave a piece of length 1.5m to each pupil. How many excellent pupils are there?

…………………………………………………………………

7- A man saved L.E. 221 every month in his saving account .How many months will he have L.E. 6188?

……………………………………………………………………

8- If 59.5 m of cloth are distributed among some poor people, find how many poor peoples there are if each one takes 3.5m?

……………………………………………………………………

**(6)**

a- Use the following numbers;

 1 2 3 4 5 6 7 8

(1)what is the probability of getting an even number?

(2)what is the probability of getting multiple of 3?

b-When rolling a die once, find the probability of getting

(1) a number greater than 6

(2)a number less than or equal 6

c-A card is drawn at random from cards numbered from 1 to 10

find the probability that the drawn card:

(1)prime number

(2)an even number greater than 5

d- A box contains 4 white balls , 3 blue balls and 5 red balls one ball is chosen at random . find the probability of choosing:1- a blue ball

 2- a red ball

 3- a yellow ball

 4- a white ball

**(7)**

a-Draw a circle M of radius length 5cm , draw the diameter AB and the chord AC where AC=6cm.Draw BC

Find the length of BC , m($∠ACB$)

b-Draw the triangle ABC in which AB=BC=AC=6cm, Then draw altitudes of triangle ABC and find their lengths.

C-Draw the triangle ABC in which CB=8cm and BA=AC=5cm.

what is the type of triangle ABC according to its side lengths? And draw the altitudes from A to BC , then measure its length?

d-Draw the triangle ABC in which AB=6cm , BC=4cm. ,AC=5cm.find the type of triangle according to the side lengths?

e-Draw the circle M of radius 5cm .Draw the diameter AB and the chord AC where AC=6cm. m then draw BC

what is the type of triangle according to the side length?

**(8)**Use the opposite Venn diagram to list the following

a) U=……………

U

b)X=…………………..

c) Y=…………………..

Y

X

d) X$∩$Y=…………….

7

9

2

4

e) X$∪$Y=…………….

1

3

6

f) X-Y=……………

8

g) Y-X=……………..

h) $x^{'}$=……………….

i) $Y^{'}=$………………

J) ( X$∩$ Y ) ' = ……….

k) ( X$∪$Y ) ' = …………

m) X ' $∩$ Y ' = ……………

n) X ' $∪$ Y ' =……………

**(9)**Use the opposite Venn diagram to list the following:

a) U=……………

b)A=…………………..

c) B=…………………..

4

B

A

d) A$∩$B=…………….

e) A$∪$B=…………….

5

9

2

3

f) A-B=……………

g) A-B=……………..

7

1

h) $A^{'}$=……………….

i) $B '=$………………

J) ( A$∩$ B ) ' = ……….

k) ( A$∪$B ) ' = …………

l) A ' $∩$ B ' = ………….

m) A ' $∪$ B ' =…………