

..... Governorate	<b>A pilot model for exam Mathematics Second Term</b> For the fifth grade primary According to the specifications of the examination paper For the academic year 2017/2018	Grade : 5 <sup>th</sup> primary
.... Educational Zone		Subject : Math
2 <sup>nd</sup> term Exam 2018		Time: 1.5 hours

Number questions	Type of question	score	Degree of student	
14	Choose	14	.....	
8	Complete	8	.....	
4	Solve problems	8	.....	
Total		30		

Hit the class in (2) to get the student's degree

Total score .....

60

School name.....

Name of pupil .....

sitting number .....

Subject/ Mathematics

Fifth grade primary

..... Governorate  
..... Educational Zone  
2<sup>nd</sup> term Exam 2017 - 2018

Grade : 5<sup>th</sup> primary  
Subject :Math  
Model Exam (1)

**First: Choose the correct answer from those between brackets**

(1) Twice the sum of a number and five is .....  
(A)  $2y + 5$       (B)  $2y - 5$       (C)  $2(y+5)$       (D)  $y+10$

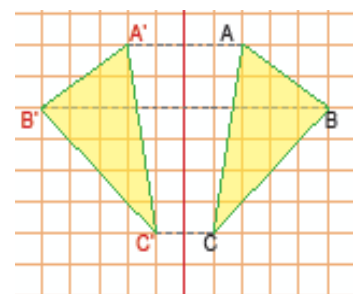
(2) The number of symmetry axis of rectangle = .....  
(A) Zero      (B) 1      (C) 2      (D) 3

(3) The perimeter of an equilateral triangle whose side length L cm = ..... cm  
(A)  $L + 3$       (B)  $3L$       (C)  $6 + L$       (D)  $4L$

(4)  $(39 + 61) - (61 + 39) = \dots\dots\dots$   
(A) 0      (B) 10      (C) 100      (D) 200

(5) If :  $y - 7 = 5$  , then  $y = \dots\dots\dots$   
(A) 2      (B) 12      (C) 35      (D)  $\frac{7}{5}$

(6) In the opposite figure :  
 $\Delta ABC$  transforms in to  $\Delta A'B'C'$  then  
this transformation is called .....



(A) Reflection (B) Translation (C) Rotation (D) Otherwise

(7)  $(12 \div 2) \times \dots = 12$

- (A) 2                      (B) 3                      (C) 4                      (D) 6

(8) The circumference of a circle of radius 3cm =  $\pi \times \dots$ cm

- (A) 3                      (B) 6                      (C) 9                      (D) 22

(9) The colored part represents ..... the surface of the circle

- (A)  $\frac{1}{2}$                       (B)  $\frac{1}{3}$   
(C)  $\frac{1}{4}$                       (D)  $\frac{2}{3}$



(10) The area of a rhombus whose diagonals lengths are 6cm , 8cm =.....cm<sup>2</sup>

- (A) 48                      (B) 84                      (C) 24                      (D) 12

(11) Area of a square whose diagonal length is 10cm = . cm<sup>2</sup>

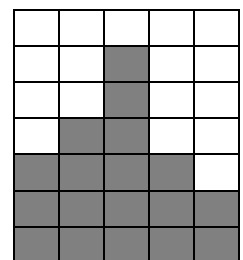
- (A) 200                      (B) 100                      (C) 50                      (D) 40

(12) The set of even numbers (E)  $\cap$  The set of prime numbers (P) = .....

- (A) P                      (B) N                      (C) {2}                      (D)  $\emptyset$

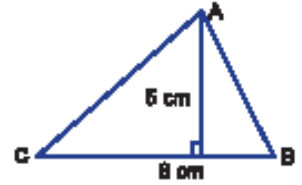
(13) representation of these data is called .....

- (A) Polygon                      (B) A histogram  
(C) Circular segments



(14) The area of  $\Delta ABC = \dots\dots\text{cm}^2$

- (A) 13      (B) 20      (C) 40      (D) 80



### Second: Complete:

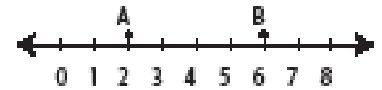
(15) If a symmetry axis is found, it divides it into two parts .....

(16) The radius of a circle which circumference 44cm =.. cm

(17) 7 , 12 , 17 , ..... , ..... (in the same pattern )

(18) If the point A lies on the axis of reflection , then its image by reflection in L .....

(19) On the number line :



the length of AB = ..... unit length

(20) The area of a square whose diagonals 10 cm =..... $\text{cm}^2$

(21)  $4 \times 37 \times 25 = ( 4 \times 25 ) \times \dots\dots$

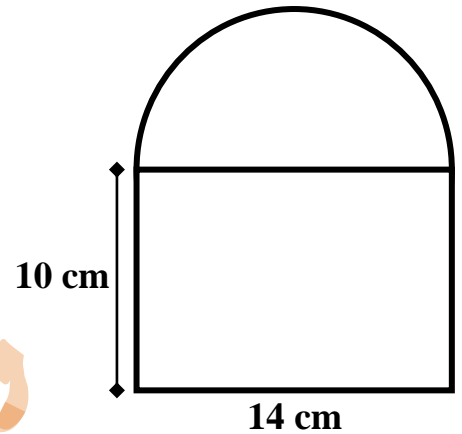
(22) The natural numbers less than 1 are .....

### Third : Solve the following problems

(23) Solve the equation :  $3x - 4 = 11$

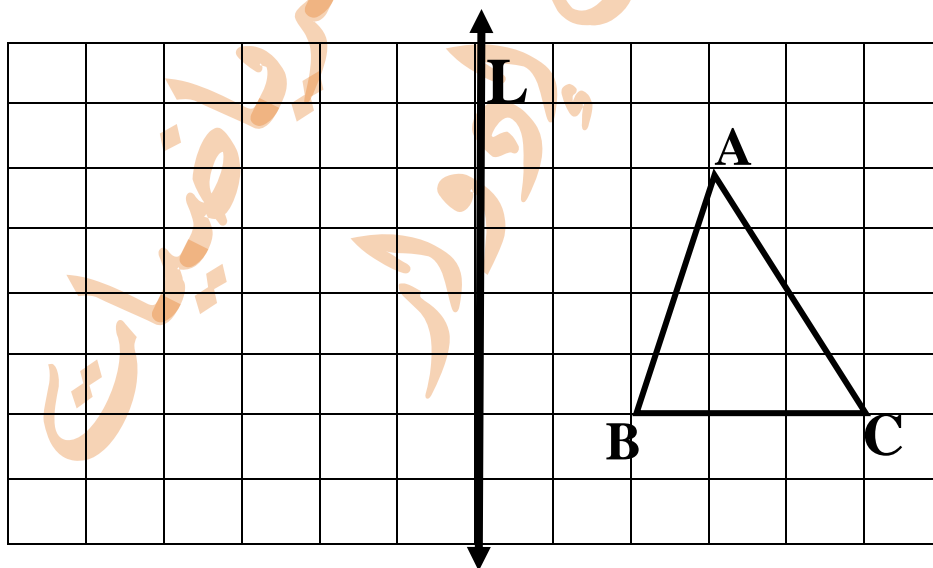
.....  
.....

(23) In the opposite form  
Calculate the perimeter



(24) By using the properties of the operations in  $\mathbb{N}$ , find the result of : (  $8 \times 117 \times 125$  )

(26) In the coordinate plane , if L is the axis of reflection of the shape ABC , draw its image by reflection in L



..... Governorate  
..... Educational Zone  
2<sup>nd</sup> term Exam 2017 - 2018

Grade : 5<sup>th</sup> primary  
Subject :Math  
Model Exam (2)

**First: Choose the correct answer from those between brackets**

(1) The smallest natural number is.....

- (A) 0                      (B) 1                      (C) 2                      (D) 3

(2) A Circle of diameter 14 cm , its circumference = .....

- (A) 22                      (B) 44                      (C) 88                      (D) 98

(3) The following table is shows the recorded temperatures in 40 cities on a

Temperatures	20-	22-	24-	26-	28-	Total
Number of cities	7	9	11	8	5	40

day  
The number of cities with temperatures less than 24 degree Celsius .....city

- (A) 11                      (B) 16                      (C) 25                      (D) 27

(4) If O is the set of odd numbers , then O ..... N

- (A)  $\in$                       (B)  $\notin$                       (C)  $\subset$                       (D)  $\not\subset$

(5) A , B are two natural numbers , then .....



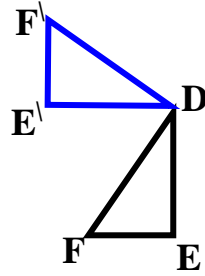
- (A)  $A < B$                       (B)  $A > B$                       (C)  $A = b$                       (D)  $A \leq B$

(6) If:  $86 \times 15 = 86 \times x + 86 \times 10$  , then x = .....

- (A) 5                      (B) 10                      (C) 15                      (D) 20

(7) In the opposite figure :

$\Delta DFE$  transforms in to  $\Delta DF'E'$  then  
this transformation is called .....



- (A) Reflection (B) Translation (C) Rotation (D) Otherwise

(8) The rectangular surface area is 8 m long and 4 m wide=  
= .....  $\text{cm}^2$

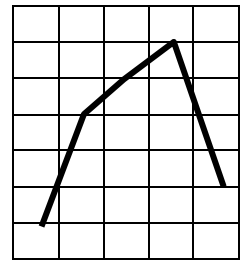
- (A) 32 (B) 24 (C) 16 (D) 12

(9) The symbolic expression for the double of the number X  
Is .....

- (A)  $X + Y$  (B)  $X + 2$  (C)  $2X$  (D)  $X - Y$

(10) representation of these data is called .....

- (A) Polygon (B) A histogram  
(C) Circular segments



(11) The area of a square whose perimeter 36cm =..... $\text{cm}^2$

- (A) 81 (B) 36 (C) 144 (D) 24

(12) The area of a triangle with a length of 6 cm and a height  
of 4 cm = .....  $\text{Cm}^2$

- (A) 24 (B) 20 (C) 12 (D) 10

(13)  $\frac{6}{3}$  ..... N

- (A)  $\in$  (B)  $\notin$  (C)  $\subset$  (D)  $\not\subset$

(14) The area of a triangle of base length 12cm , its height 5cm = .....cm<sup>2</sup>

- (A) 30                      (B) 60                      (C) 17                      (D) 34

**Second: Complete:**

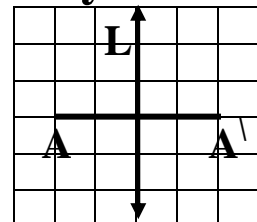
(15) If the point A lies on the axis of reflection, then its image by reflection in L .....

(16) 3 , 9 , 27 , ..... , ..... ( the same pattern )

(17) Area of the triangle =  $\frac{1}{2}$  the length of its base  $\times$  .....

(18) If x is an odd number , then ( x+1 ) is ..... number

(19) The symbolic expression of multiplying 3 by the number x is .....



(20) The line segment AA' .....L

(21) The area of the rhombus in which the length of its side is 10cm and corresponding height is 9.6cm = .....cm<sup>2</sup>

(22) The natural numbers less than 2 are .....

**Third: Solve the following problems**

(23) Solve the equation:  $2x + 3 = 15$

.....  
 .....  
 .....



(24) If the area of a parallelogram with base length 12 cm and its corresponding height of 6cm is equal to the area of a rhombus with a diagonal length 10 cm, then find the length of the other diagonal of the rhombus.

.....

.....

.....

(25) By using the properties of the operations in N, find the result of:  $7 \times 38 + 7 \times 62 =$

.....

.....

.....

(26) In the coordinate plane , if L is the axis of reflection of the shape XYZ , draw its image by reflection in L

