## LIDETA CATHOLIC CATHEDRAL SCHOOL
## GRADE 5 MATHEMATICS WORKSHEET 3

I. **WRITE TRUE IF THE STATEMENT BELOW ARE CORRECT AND FALSE IF IT IS WRONG**

1. **A point has one dimension.**
2. **Lines and line segments are the same geometric figures.**
3. **Geometric figures that have four sides are called quadrilaterals.**
4. **The sum of the interior angles of any triangle is always $180^o$.**
5. **Perimeter of triangle is the sum of the length of the three sides.**
6. **Points, lines and planes are undefined terms in geometry.**
7. **Area of plane figures is the region bounded by the boundary of the figure.**
8. **Circles have infinite line of symmetry.**
9. **The instrument we need to bisect line segment and angle are ruler and compass.**
10. **The common unit of angle is protractor.**

II. **CHOOSE THE CORRECT ANSWER FOR THE FOLLOWINGS**

11. **Which one of the following is not an acute angle?**
    **A. $56^o$ B. $89^o$ C. $91^o$ D. $75^o$**
12. **How many symmetric lines does equilateral triangles have?**
    **A. 4 B. 5 C. 3 D. 2**
13. **Which formula is used to find the perimeter of a rectangle whose length is l and whose width is w?**
    **A. P=lxw B. p=2l+2w C. p=2(l+w) D. B and C**
14. **Which instrument is not necessary to divide an angle?**
    **A. Ruler B. Compass C. pencil D. protractor**
15. **Which one of the following is not true about triangle?**
    **A. It has three sides. C. it has 3 vertices.**
    **B. it has 3 dimensions D. it has 3 angles**
16. **Which one of the following plane figures is used to indicate the distance of your house to your school?**
    **A. Ray B. line C. line segment D. point.**
17. **Which one of the following is true about rectangles?**
    **A. It has four sides. C. it has four vertices.**
    **B. it has four angles of equal size D. all**
18. **The sum of the three angles of any triangle is equal to:**
    **A. $180^o$ B.$360^o$ C. $540^o$ D. $720^o$**

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**19. How many point are there between point A and B in the following figure to the right?**

**A. 10 B. 20**




**C.100 D. many**

**20. How many points are there between point B and C of the above figure? A. 1 B. 2**

**C.10 D. many**

## III. GIVE SHORT ANSWERS FOR THE FOLLOWNG QUESTIONS

**21. Identify the following figures as acute angle, obtuse angle, reflex angle, right angle, or straight angle.**

**a. $64^o$_____**
**b. $230^o$_____**
**c. $180^o$_____**
**d. $115^o$_____**
**e. $90^o$_____**
**f. sum of 3 angles of triangle_____**
**g. half of straight angle_____**

## IV. WORKOUT THE FOLLOWING PROBLEMS

**22. Find the perimeter of the following**

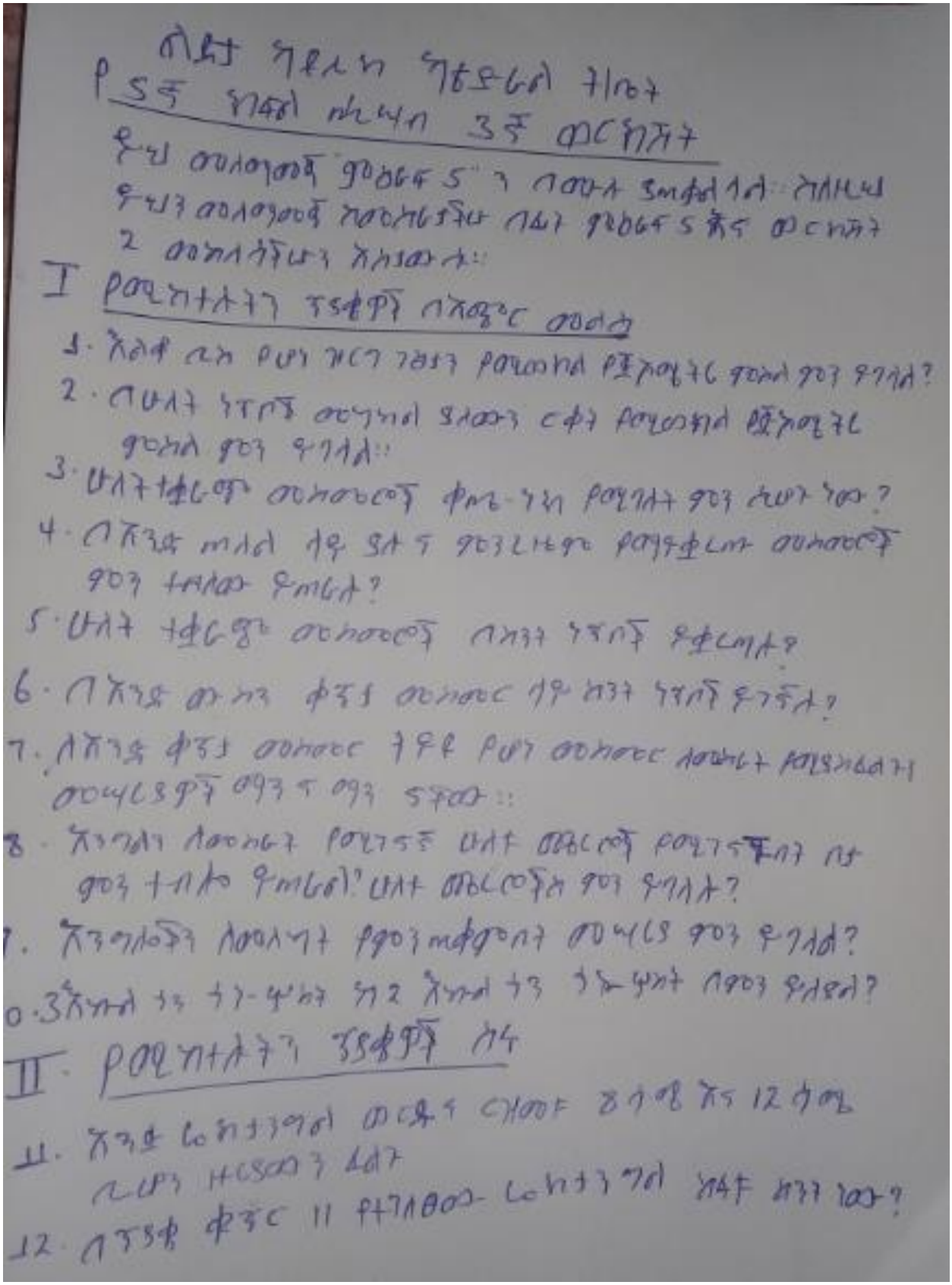
**a. Rectangle of length 20cm and width 12cm**
**b. A square of side length 8mm**
**c. An equilateral triangle of side length 10cm**

**23. Find the area of a square of side length 9cm.**

**24. Find area of rectangle whose length and width are 6 & 8 units.**

**25. Calculate the area of rectangle whose perimeter is 48cm and its length is twice of its width?**

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13. አንድ ሣጥን እጥፉ ላይ ካለ-ሣጥን ረዥሙ 5 ዘርዝሮ 27 ሴ.ሜ.ኩ ሲሆን የካን-ሣጥኑ የያዘ ርዝመት ስፋት ቁመቱ?

14. አንዱ ሳጥ ዘርዝሮ 32 ሴ.ሜ ሲሆን የሳጥኑ ስፋት ስፋት ቁመቱ?

15. አንድ ሎክተንግል ዘርዝሮ ዘርዝሮ 50 ሜ.ሜ ሲሆን ርዝመት የወርዱን ሽፋ እጥፍ ሲሆን የሎክተንግል ስፋት ፈልግ

16. የአንድ ሎክተንግል ስፋ 56 ሴ.ሜ² ሲሆን ወርዱ ደግሞ 7 ሴ.ሜ ሲሆን የሎክተንግሉን ዘርዝ ፈልግ

17. ወርዱ 8 ሴ.ሜ የሆነ ሎክተንግል ና ርዝመት 12 ሴ.ሜ የሆነ ሳጥ እንዱ ስፋ ሲፈልጉ
   ሀ) የሎክተንግሉን ዘርዝ ፈልግ
   ለ) የሳጥኑን ዘርዝ ፈልግ
   ሐ) የሎክተንግሉን ስፋ ፈልግ

18. 200 ሴ.ሜ² ስፋ ያለው ሎክተንግል ላይ 13 ሴ.ሜ ርዝመት ያለው ሳጥ ተቆርጦ ሲወጣ የቀረው የሎክተንግሉ ስፋ ስንት ነው

19. አንዱ ሳጥን ርዝመት ወርዱና ስፋቱ 10 ሴ.ሜ፣ 24 ሴ.ሜና 6 ሴ.ሜ ሲሆን የሳጥን ቁዘ ስንት ነው

20. አንዱ ሳጥርን የተሰራ ሳጥ 64 ሴ.ሜ³ ቁዘ ሲኖረው ስለን ለመሥራት የተጠቀመው የሳጥን ስፋ ስንት ነው