



The New English Private School (NEPS)

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Name: _____ 3rd Quarter 2019/20 Date: March _____, 2020 Subject: Math
Revision Worksheet- (15%) Grade: 6 __ Teacher's Name: Mr. Adonay

I. Revise and define each of the following terms or Phrases.

1. *Scientific notation*

2. *Equation*

3. *Like terms*

4. *Solution or root of the equation*

5. *Linear equation*

6. *Linear inequality*

7. *Origin*

8. *X – axis*

9. *Y – axis*

10. *Abcissa*

11. *Ordinate*

II. Solve each of the following questions with their steps.

12. Divide $3\frac{2}{5} \div 0.05$.

13. If $5\frac{3}{4} \div a = 0.5$, then find the value of a .

14. Write 76,450,000,000 in scientific(standared)notation.

15. Write 1.746×10^7 in its ordinary decimal notation.

16. *After a rocket reached an altitude of 13,840m, it separated from the main engines. The engines sank into the ocean to a depth of -1550m . How far did the engines fall?*
17. *If $a = 4$, $b = 5$ and $c = 6$, then find $\frac{2(a+b)}{c}$.*
18. *Simplify $24 + 17 \times 9 \div 9$.*
19. *Solve for x , if $3 - 5x = -17$.*
20. *Find the value of x , if $2\frac{3}{4}x - 6 = 5$.*
21. *5 subtracted from twice a number gives 25, what is that number?*
22. *Find the solution set of:*
- a. $\frac{2}{5}x - 3 > 0$.
- b. $\frac{3}{2}x + 2 < \frac{10}{2}$.

Parent's/Guardian's signature _____

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