INOCENCIO SCHOOL, INC.
INOCENCIO SCHOOL MONTESSORI PLAYSKOOL – INOCENCIO INTEGRATED SCHOOL
ADDRESS: 1049 Bernal Street, Rosario Pasig City TEL. NO.: 86715369 EMAIL ADD.: inocencioschools@yahoo.com

SECOND QUARTERLY ASSESSMENT
MATHEMATICS 7
Prepared by: Mr. Ravy G. Galopo

Name: _____ **Score:** _____/70_____

Grade and Section: _____ **Date:** _____

IMPORTANT REMINDER: Following instructions is part of the exam. Failure to follow instructions will cause a **5-point-deduction** from the total raw score.

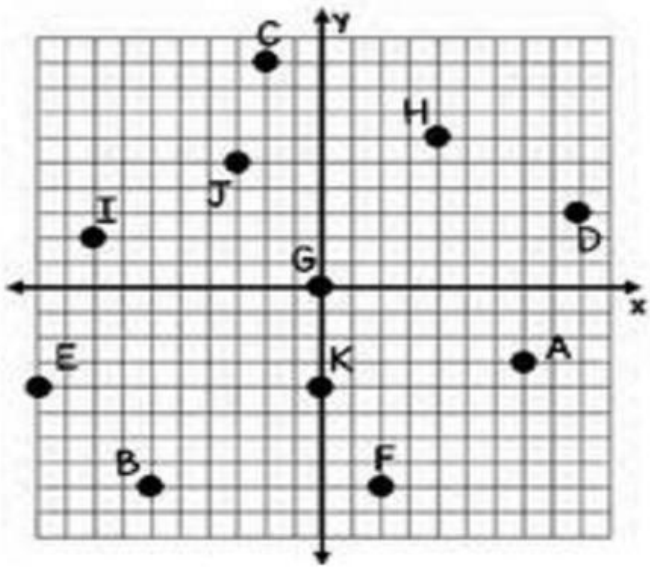
I. Determine which quadrant each pair of coordinates will be in.
Example.

$(1, 18)$	$(-1, 18)$	$(-1, -18)$	$(1, -18)$
Quadrant 1	Quadrant 2	Quadrant 3	Quadrant 4

1-2.	$(-6, -12)$	$(-6, 12)$	$(6, -12)$	$(6, 12)$
3-4.	$(2, -6)$	$(-2, -6)$	$(2, 6)$	$(-2, 6)$
5-6.	$(-6, -10)$	$(6, 10)$	$(6, -10)$	$(-6, 10)$
7-8.	$(-18, 9)$	$(18, -9)$	$(-18, -9)$	$(18, 9)$
9-10.	$(-3, -2)$	$(3, 2)$	$(-3, 2)$	$(3, -2)$

II. Identify the coordinates of each ordered pair on the graph.

11. K _____
12. G _____
13. J _____
14. A _____
15. E _____
16. B _____
17. I _____
18. D _____
19. F _____
20. H _____



LIVEWORKSHEETS

III. Perform the operation. Show your solution.

21-24. $\frac{4x+12}{16x^2} \div \frac{x^2-9}{x^2-x-6}$

25-28. $\frac{x^2-2x+8}{x^2+4x+3} \cdot \frac{3x+3}{x-2}$

29-32. $\frac{x-2}{x^2+5x+6} - \frac{5}{x+3}$

33-36. $\frac{2h}{6h+8} + \frac{5}{7h+4}$

IV. Convert the following units of measure to their desired units of measurement. Show your solution.

41-42. 64 pints = _____ cups

43-44. 80 quarts = _____ cups

44-45. 1024 ounces = _____ pounds

43-44. 105 yards = _____ feet

41-42. 10 tons = _____ ounces

V. Convert the following metric units to their desired units of measurement.

51. $6.03mm =$ _____ hm

52. $503km =$ _____ dm

53. $0.013mm =$ _____ m

54. $0.16kg =$ _____ cg

55. $16.16hg =$ _____ dag

56. $17.4kg =$ _____ g

57. $4km =$ _____ dm

58. $0.04mm =$ _____ dm

59. $16.32mg =$ _____ kg

60. $141.3hg =$ _____ cg

VI. Answer the following in 2-3 sentences.

61-63. Imagine you're planning a trip to Europe. How can understanding different units of measurement help you plan your journey?

_____

_____

LIVEWORKSHEETS

64-66. Have you ever played a video game where you move a character around a grid? If yes, how is this similar to the cartesian coordinate plane? If no, how can you use a map with a grid system to find a specific location?

67-70. If you're building a model car or rocket, why is it crucial to measure accurately using both English and Metric units?

*****END OF EXAM*****

LIVEWORKSHEETS