**LEARNING ACTIVITY SHEET IN MATH 9**

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| Name of Learner: | John Russel Jandonero | Score: |  |
| Grade and Section: | GRADE 9 TAE | Week & Date: | **Week 5 – April 22, 2021** |

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| **Title of the Topic:** | **Midline Theorem, Kites and Trapezoids** | | |
| **Most Essential Learning Competency:** | | **Code:** | **M9GE-IIId-1 M9GE-IIId-2** |
| * Describes a proportion. * Applies the fundamental theorems of proportionality to solve problems involving proportions. | | | |
| **I. Concept Notes:** *(Will be in a separate file.)* | | | |
| **II. Learning Activities:** | | | |
| **Learning Activity 1: (15 points)**  **Directions:** Read and Solve each problem.   1. Jett makes Php60 for every hour that she works. If she works for 8 ½ hours, how much will she make?   1 hour = 60 mins  8 ½ hours = x  60 \* 8.5 = 510  X = ₱510   1. An ukay-ukay store sells 30 pcs of clothing every 45 minutes, how long will it take the store to sell 500 pieces of clothing?   30 500  45 = x  30x 22500  30 = 30  x = 750 minutes   1. Winslet can do a typing job of 8 pages in 5 minutes. How long will it take her to do the typing job of 120 pages?   8 = 120  5 x  8x = 600  8 8  x = 75 minutes   1. Virginia bought 2.5 kilos of lakatan for Php180.00. Given the rate, how much does the kilo of lakatan cost?   2.5 1  180 = x  2.5n = 180  2.5 2.5  x = ₱72   1. Yoru is a runner. He could run 2.8 kilometers in 15 minutes. If he runs for 150 minutes, how many kilometers will he have run?   2.8 = x  15 150  15x = 420  15 15  x = 28 km | | | |
| **Learning Activity 2:**  **Directions**: Do what is asked.   1. Find the length of .   4 = 3  12 x  4x = 36  4 4  x = 9      14 = x  12 18  12x = 252  12 12  x = 21   1. Determine whether .   8 = 12  5 7.5  = 60  60  = 1      20 = 25  18 22.5  = 450  450  = 1      15 = 16  34 35  = 525  544        24 = 18  15 10  = 240  270  = 8/9   1. Find the value of x for which .   \_\_5\_ = 7\_  2x+4 3x+5  15x + 25 = 14x + 28  -25 -25  15x = 14x + 3  -14x -14x  x = 3      2x – 2 = 3x -1  12 21  42x – 42 = 36x – 12  +12 +12  42x – 30 = 36x  -42x -42x  6x = 30  6 6  x = 5      15 = 12  x 6  12x = 90  12 12  x = 7.5      24 = 30  12 x  24x = 360  24 24  x = 15 | | | |
| **III. Reflection:** | | | |
| The lesson was very exciting and challenging, but I had fun looking for the missing values. | | | |

Prepared by: **ALEXANDRA M. ACOSTA / Math Teacher I**