Space Mission Addition Logs

Grade 5 Name: _____

Solve space addition problems; include units.

Example: 1,245+1,389=2,634 m

(1) A spacecraft used 3,456.75 liters of fuel for its first maneuver and 2,189.30 liters for its second. What was the total fuel consumed in liters _____

(2) The probe transmitted 1,872.4 MB of data on Monday and 956.8 MB on Tuesday. How much data was transmitted altogether in MB _____

(3) A rover traveled 5,123.6 km across a planet's surface and then an additional 4,876.5 km. What was the combined distance in km _____

(4) Scientists collected two rock samples weighing 789.25 kg and 1,234.75 kg. What is the total weight of the samples in kg _____

(5) An astronaut spent 1,500.5 hours on orbital research and another 987.75 hours on ground simulations. What is the sum of hours spent _____

(6) A space station consumed 2,345.6 energy units in one month and 1,876.9 units the next. How many units were used altogether _____

(7) Two new satellite components weigh 4,112.3 grams and 3,890.7 grams. What is their combined mass in grams _____

(8) A sensor recorded atmospheric pressure readings of 1,050.25 pascals and 875.50 pascals. What is the total pressure recorded _____

(9) Two asteroid fragments were collected, weighing 6,789.1 kg and 3,210.9 kg. What is their sum weight in kg _____

(10) A new communication array extended its range by 7,500.8 km, then by another 2,499.2 km. What is the total range extension in km _____

(11) A spacecraft's solar panels generated 1,999.5 watts in the morning and 1,500.75 watts in the afternoon. What was the total output in watts _____

(12) The first phase of a mission lasted 2,000.25 days, and the second phase lasted 1,850.50 days. What was the combined mission duration in days _____