

PRACTICE: CC.6.NS.3

Name _____ Date _____

PROBLEM-SOLVING: OPERATIONS IN ACTION

DIRECTIONS: Use the 4-Step Problem Solving Process to answer each of the questions below. Show all of your thinking and write your answer in a complete sentence.

1. Tucker rides his bike at an average speed of 10.5 miles per hour. At that speed, how many miles can he ride in 7.5 hours?



Sentence: _____

2. The highest scoring World Cup Soccer Final was in 1954. Teams played 26 games and scored 130 goals for an average of 5 goals per game. In 1950, teams played 22 games and scored 96 goals for an average of 4.36 goals per game. What is the difference between the 1954 and the 1950 average goals per game



Sentence: _____

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3. You and your friends are watching a television show. One of your friends asks, “How long are the commercial breaks during the show?” You collect the data in the table below.

Break Times (minutes)				
4.2	3.5	4.55	2.75	2.25

- Find the mean of the data in the table to answer your friend’s question.

Sentence: _____

4. The weights (in ounces) of several moon rocks are shown in the table. Find the median of the weights.

Moon Rock Weights (ounces)							
2.2	2.2	3.2	2.4	3.0	2.5	3.4	2.6

Sentence: _____