

6th Grade Ratio and Proportion Unit (2 Weeks)

Name: _____

Date Due: _____

Each of these activities is designed to help you “show what you know” about ratios and proportions. We will be working together as a class to build our understanding, and you will choose the assignments which best suit your interests and skills. To make sure you demonstrate your knowledge in all areas, try not to pick too many assignments from the same standard (example: 6.RP.1). Please follow the directions for each assignment carefully, and check-in with your teacher if you have any questions! Have fun!

Bronze Level (30 points - Pick 3)

Points	Assignment	Date Completed
/10	Classroom Observer – Make observations about the classroom using ratio language. (6.RP.1)	
/10	Vacation Savings Plan – Plot and graph money saved for vacation. (6.RP.3a)	
/10	Choices, Choices – Compare your choices using ratio language (6.RP.1)	
/10	Map Reader – Determine distance based on scale keys (6.RP.2)	
/10	Food Scientist - Find the ratios of ingredients for various foods. (6.RP.2)	

Silver Level (40 points - Pick 2)

Points	Assignment	Date Completed
/20	Bargain Shopper – Determine which is the best deal (6.RP.3b & 6.RP.3c)	
/20	Chef Challenge – Proportion your recipe to feed them all, big and small! (6.RP.3a)	
/20	Many Measures – Determine the materials needed for your home improvement projects. (6.RP.3d)	
/20	Party Planning – Determine the supplies you will need for your party guests. (6.RP.3b & 6.RP.3d)	
/20	Scheduling Manager - Schedule the activities of your employees. (6.RP.3b)	
/20	Creative Advertising – Create a store advertisement (6.RP.3b & 6.RP.3c)	

Gold Level (30 points - Pick 1)

Points	Assignment	Date Completed
/30	Food For All – Read about food waste in the U.S. Help coordinate distribution of food bank donations in the community. (6.RP.3a, 6.RP.3c, 6.RP.3d)	
/30	Sustainable Architect – Read about creative and inexpensive housing designs. Using graph paper, draw a scale model of a building or room floor plan of your design or draw the specifications of the sustainable housing given. Determine the materials needed to build your model. (6.RP.3a, 6.RP.3b, 6.RP.3d)	
/30	Access Coordinator - Read about access to resources in India. Determine the numbers needed to improve the situation. (6.RP.3a, 6.RP.3b, 6.RP.3c)	

Total Task Points: _____/ 100

Pre-Test: _____/10

Post-Test: _____/10