

Name: \_\_\_\_\_

Class: \_\_\_\_\_

# Volleyball Properties

GRADES 6-8

Volleyball	Observations on the Properties: Material, Texture, Bounceability
First Touch Volleyball	
Light Touch Volleyball	
Recreation Volleyball	
Balloon	

Name: \_\_\_\_\_

Class: \_\_\_\_\_

# Volleyball Properties

GRADES 6-8

Volleyball	Performance (Bump Test) Distance (Ft)	Mass (grams)	Volume $V=4/3\pi r^3$ (in <sup>3</sup> )	Density (mass/volume) g/in <sup>3</sup>
First Touch Volleyball				
Light Touch Volleyball				
Recreation Volleyball				
Balloon				

How does density affect performance? (Support your answer with evidence)