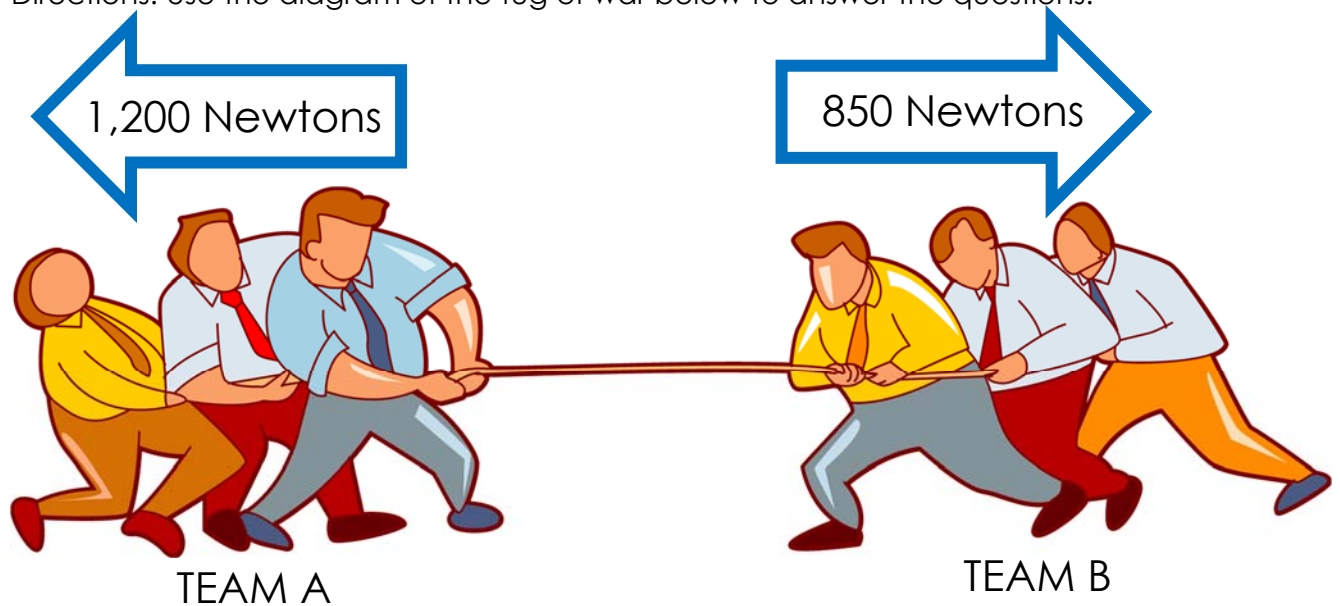


Name \_\_\_\_\_

## Describing Forces Answer Key

Directions: Use the diagram of the tug of war below to answer the questions.



1. Would you describe the forces as PUSH or **PULL**? \_\_\_\_\_
2. Would you describe the forces as working **TOGETHER** or **OPPOSITE** one another?  
\_\_\_\_\_
3. Are the forces equal? **No, Team A generates more force.**
4. Based on the forces would expect the rope to **NOT MOVE**, **MOVE TO THE LEFT**, or **MOVE TO THE RIGHT**?  
\_\_\_\_\_
5. The resultant force can be described as:  
a) zero b) 1,200 Newtons **c) 350 Newtons** d) 2,050 Newtons
6. Who wins this tug-of-war?  
a) No One **b) Team A** c) Team B