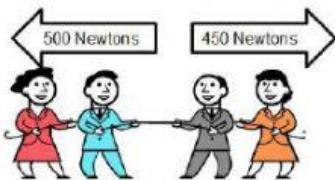


### 3rd Grade Science Balanced and Unbalanced Forces

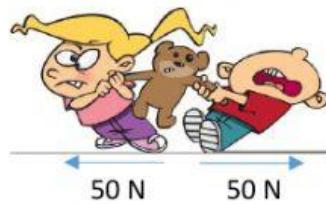
Add or subtract to find the **net force** in each example.



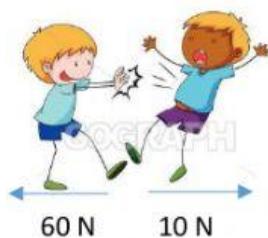
Net Force: \_\_\_ N



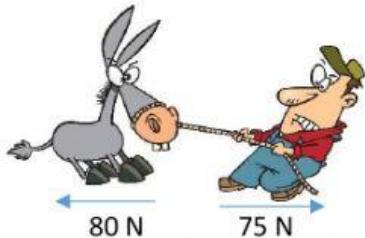
Net Force: \_\_\_ N



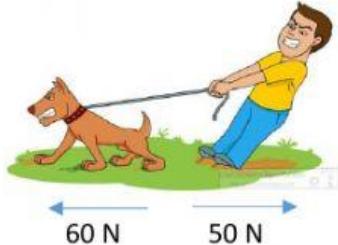
Net Force: \_\_\_ N



Net Force: \_\_\_ N



Net Force: \_\_\_ N



Net Force: \_\_\_ N

Three men are pulling with a force of 200 N, and the woman is pulling with a force of 70 N. What is the net force? \_\_\_ N

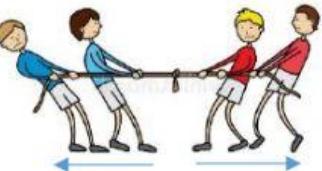


Each of these three characters is pulling with an equal force of 80 N. What is the net force? \_\_\_ N



Both sides pull with an equal force of 180 N and no one moves.

This means that the opposite forces are: a) balanced      b) unbalanced



When two forces are balanced, do the forces produce motion? a) yes      b) no

When two forces are unbalanced, do the forces produce motion? a) yes      b) no