

**Do Now**

- 1) What is net force?  
**Describe in 2+ complete sentences in your notebook**
- 2) Give an example of a balanced and unbalanced force  
**Describe in 2+ complete sentences in your notebook**

**Net Force Practice Problems**

*Instructions:* In your notebook, draw the picture of the box and forces acting on it with Newtons labeled. Next calculate the net force, determine if it is balanced or unbalanced, and if there will be motion or no motion. **SHOW ALL WORK!!!**

1.



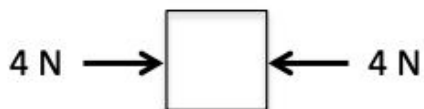
<b>Net Force Calculation:</b>
<b>Balanced or unbalanced?</b>
<b>Motion or no motion? Direction?</b>

2.



<b>Net Force Calculation:</b>
<b>Balanced or unbalanced?</b>
<b>Motion or no motion? Direction?</b>

3.



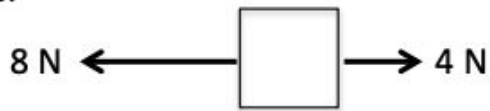
<b>Net Force Calculation:</b>
<b>Balanced or unbalanced?</b>
<b>Motion or no motion? Direction?</b>

4.



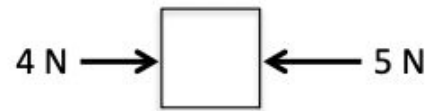
<b>Net Force Calculation:</b>
<b>Balanced or unbalanced?</b>
<b>Motion or no motion? Direction?</b>

5.



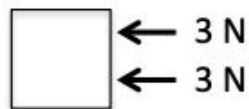
<b>Net Force Calculation:</b>
<b>Balanced or unbalanced?</b>
<b>Motion or no motion? Direction?</b>

6.



<b>Net Force Calculation:</b>
<b>Balanced or unbalanced?</b>
<b>Motion or no motion? Direction?</b>

7.



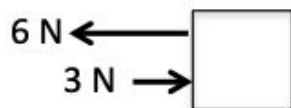
<b>Net Force Calculation:</b>
<b>Balanced or unbalanced?</b>
<b>Motion or no motion? Direction?</b>

8.



<b>Net Force Calculation:</b>
<b>Balanced or unbalanced?</b>
<b>Motion or no motion? Direction?</b>

9.



<b>Net Force Calculation:</b>
<b>Balanced or unbalanced?</b>
<b>Motion or no motion? Direction?</b>

10.



<b>Net Force Calculation:</b>
<b>Balanced or unbalanced?</b>
<b>Motion or no motion? Direction?</b>