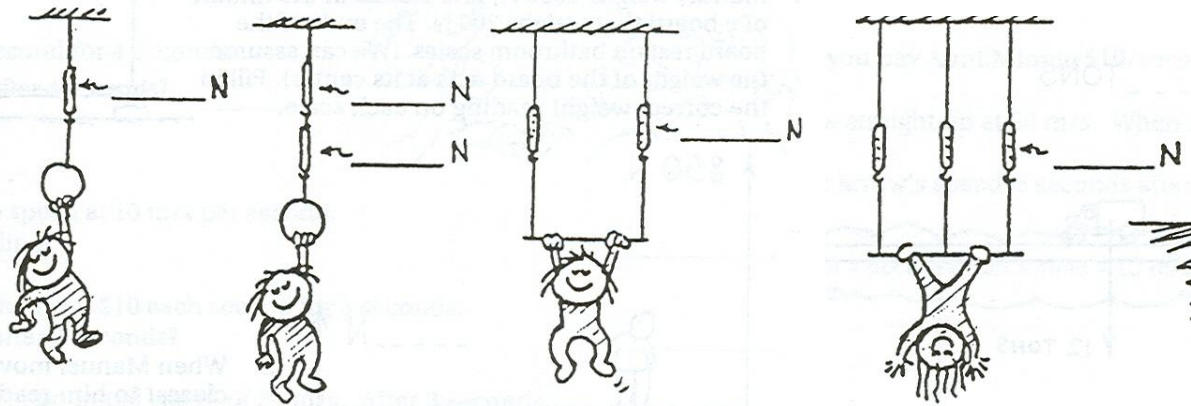
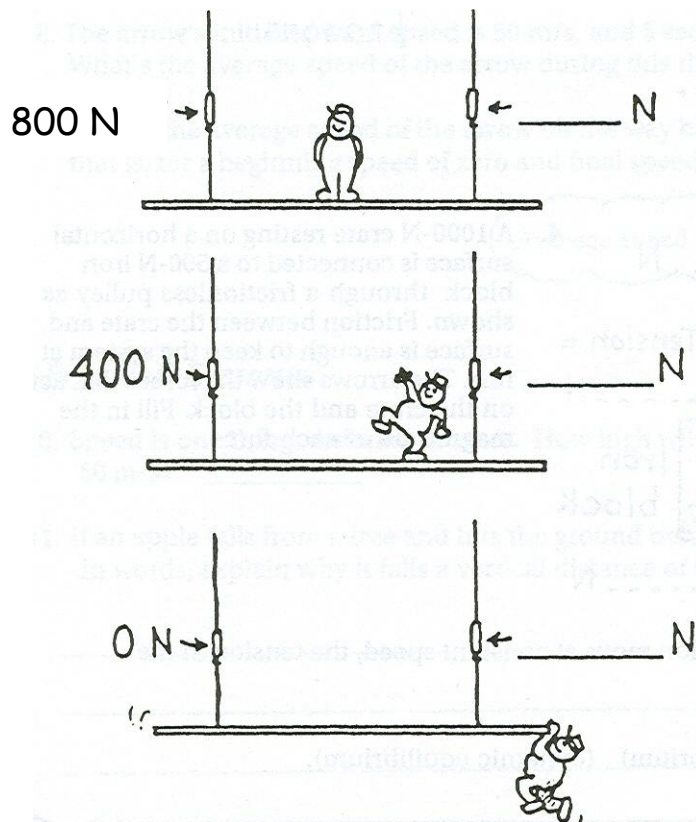


Name: _____ Period: _____ Date: _____

If little Nellie Newton weighs 96 N, fill in the 5 scale readings in the pictures below.



If Burl is standing in the middle of the staging in the first picture, write the scale readings for the other scales.

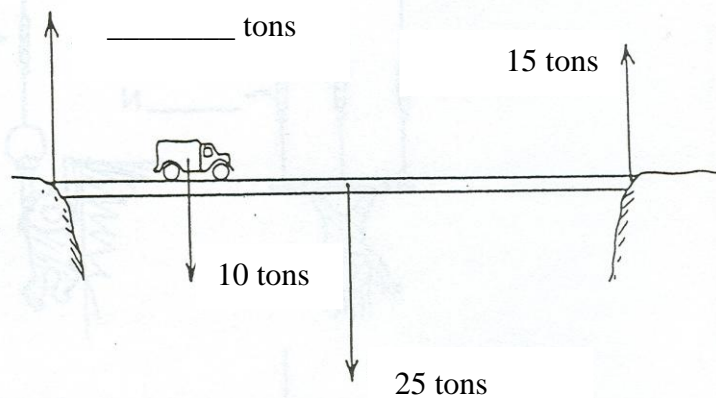
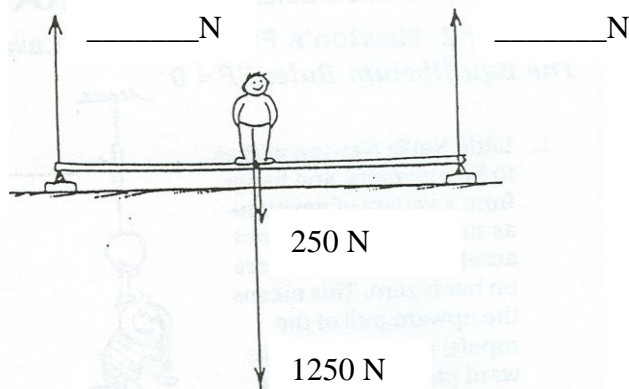
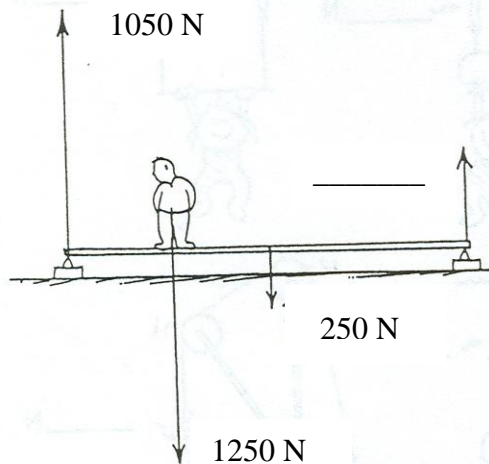


What is the total weight of Burl and the staging?

OVER

Name: _____ Period: _____ Date: _____

Fill in the blanks using the information given in each picture.



Determine the net force for each of the following:

1. $\xrightarrow{5\text{ N Right}}$ $\xleftarrow{5\text{ N Left}}$ 1) $\Sigma F =$
2. $\xrightarrow{3\text{ N Right}}$ $\xleftarrow{1\text{ N Left}}$ 2) $\Sigma F =$
3. $\xleftarrow{3\text{ N Left}}$ $\xrightarrow{2\text{ N Right}}$ 3) $\Sigma F =$
4. $\xleftarrow{4\text{ N Left}}$ $\xrightarrow{4\text{ N Right}}$ 4) $\Sigma F =$

5. What is the largest force present in the above examples? _____
6. What is the largest net force present in the above examples? _____
7. Which of the force pairs above would cause acceleration on an object? _____
8. Which of the force pairs above represent equilibrium? _____