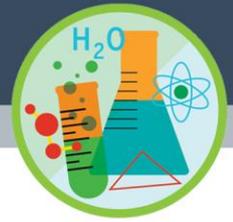




# Grade 9



# SCIENCE



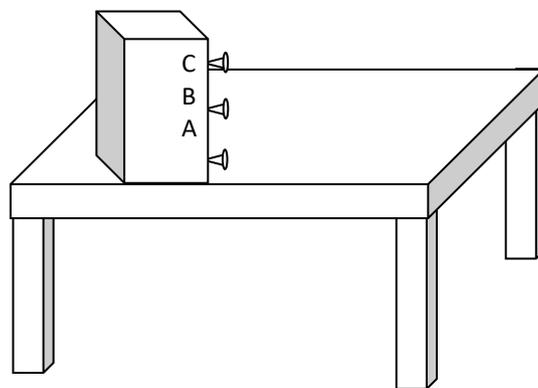
## Activity

### Step I

Take a rectangular wooden cube and a newton spring balance. Then, fix three nails as shown in the figure and draw it to along a certain direction.

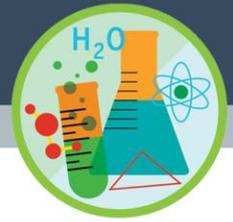
### Step II

Fill the following table based on the observations you gathered when drawing the wooden cube during A, B & C instances.



## Observations

Instance	Observations	Magnitude of the force
A		
B		
C		

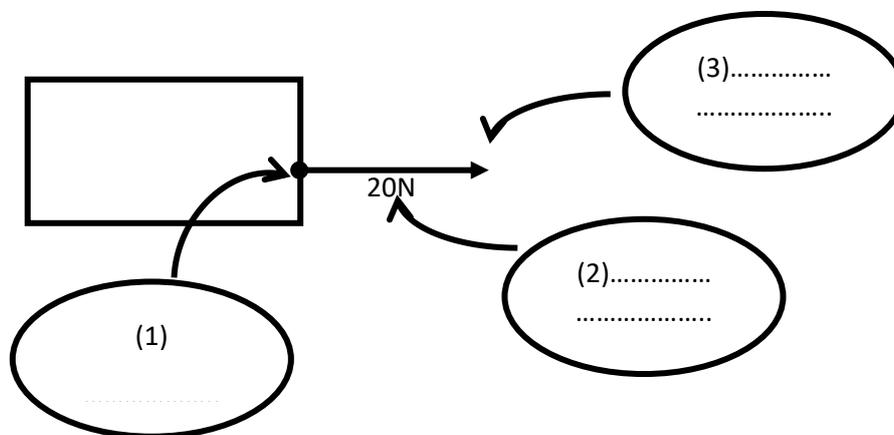


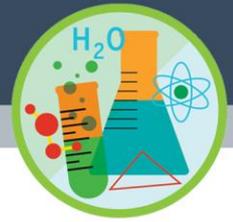
## Conclusions

- i. Force has a ..... and a .....
- ii. The force acts to the .....of pulling along the .....
- iii. The ..... moves along the direction of the force exerted.
- iv. The point that the thread is tied is known as the point.....

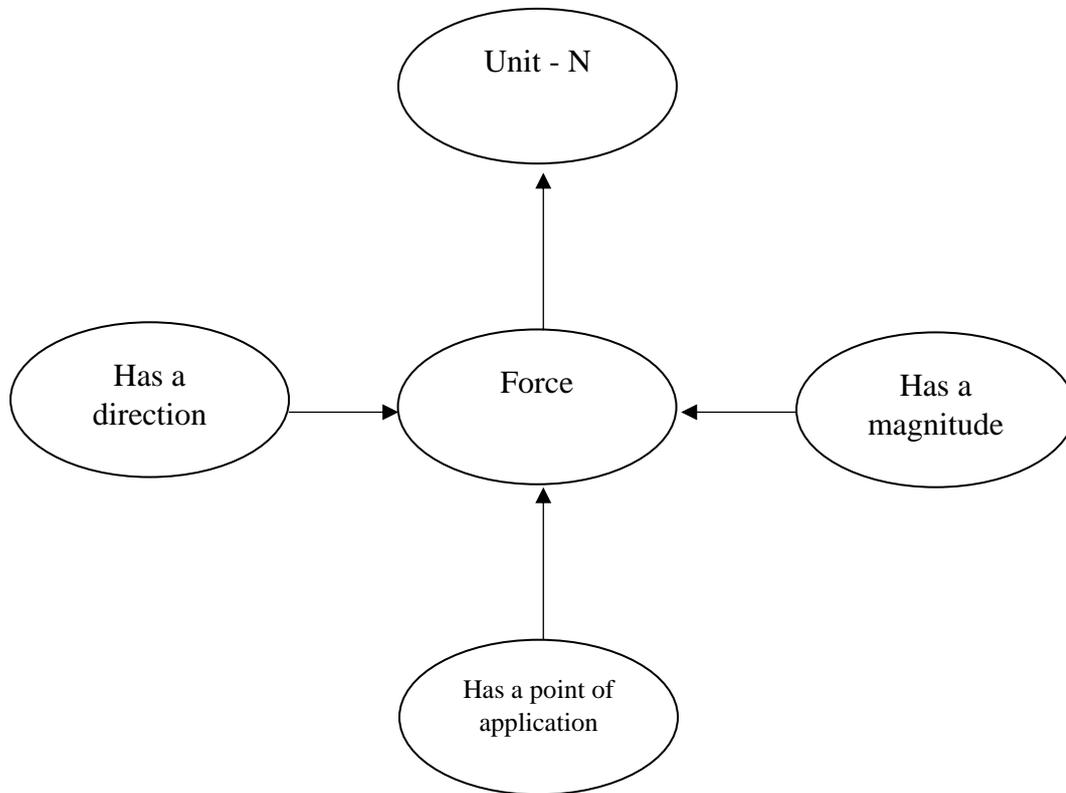
## Evaluation

Consider the following instance and write the suitable words in the given blanks.





## Summary



Translated by: Nayomi Wijesooriya