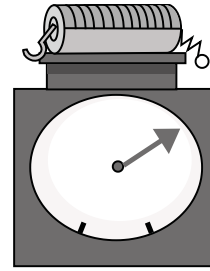


Hanging chains of newtonmeters

A student experimented with some newtonmeters. She found that a single newtonmeter weighed 3N.



3 newton



1. She connected four newtonmeters together to form a chain as shown.

The reading on the lowest meter was zero.

- What was the reading on the top meter? Explain your answer.
- What were the other meter readings?

2. She then added a 4 N weight to the bottom meter as shown. Suggest values for the forces shown on each of the four meters. Be prepared to explain reasons for your answer.

