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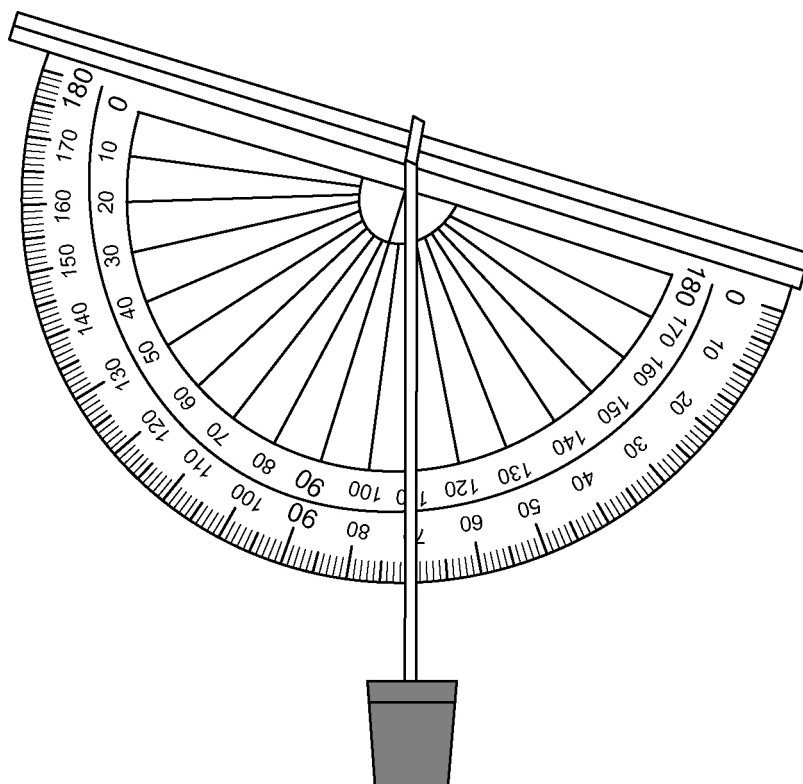
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Section 1.2 Make Your Own Clinometer

Tools

- protractor
- straw
- string
- tape
- small weight or paper clip

1. Tie one end of the string to the middle of the straw. Tie the other end to the weight as shown.
2. Tape the protractor to the side of the straw. Make sure the string hangs freely to create a vertical line and that it hangs from the centre of the protractor.



3. When trying to determine the measure of an object that is too tall to measure directly, look through the straw to the top of the object that you are measuring. Find a horizontal line of sight. Find the angle measurement where the string and protractor intersect. To determine the angle of elevation, subtract this measurement from 90° .