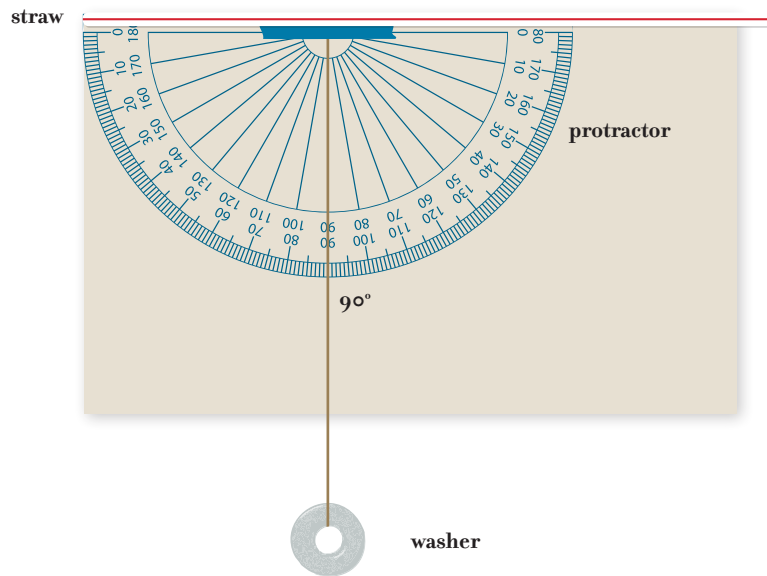


BUILD AN INCLINOMETER

Use the materials, procedure, and illustration below to build your own inclinometer.

Materials needed:

- piece of cardboard, 15 x 25 cm
- metal washer or paper clip
- protractor
- 30 cm string
- transparent tape
- drinking straw



PROCEDURE

1. Tie string around the exact center of the straight edge of a protractor and tape it in place.
2. Tie a metal washer to the other end of the string.
3. Tape the protractor to the edge of the small cardboard. Line up the corner of the protractor with the corner of the cardboard as shown above.
4. Tape a straw along the edge of the cardboard and protractor, flush with the same corner.
5. Practice looking through the straw to site distant objects.