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Measuring Time and More

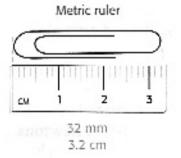
How are time, length, direction, and temperature measured?

Time is measured in minutes, seconds, and parts of a second. A stopwatch is used to measure time. Buttons on the stopwatch let you start and stop your time measurements. You then read the display to see how much time has passed.

Distance and length are measured with a **meterstick**. The main unit for distance and length is the **meter**. Long distances are measured in **kilometers**. A **metric ruler** can be used to measure shorter lengths in **centimeters** or **millimeters**.

A compass measures direction. The four main points on a compass are: N for North, S for South, E for East, and W for West. Directions between these points can include NE for northeast, NW for northwest, SE for southeast, and SW for southwest. The needle of a compass always points north.

A thermometer measures temperature. In science, temperature is usually measured in degrees Celsius.









Measuring tools in use

Show What You Know

Identify which tool you would use to make each measurement.

- direction you must go to cycle from your house to your friend's house
- 2. length of an earthworm
- ______ 5. distance across your classroom
- ______ 4. how long it takes you to swim a lap in a pool