

Look carefully at the images of weather instruments below.

A) Name each one shown using **the table below** to help.

(b) Find images of the other instruments listed in Figure 4 but not shown in the images.

(c) There are sometimes more measurements taken than those shown below. For example, how is radar used to measure the weather?

Elements of weather, instruments used to measure them and the measurement units

<i>Weather element</i>	<i>Instrument</i>	<i>Units</i>
Air pressure	Barometer	mb (millibars)
Cloud cover	Human sight	oktas (how many eighths of the sky is covered by cloud)
Cloud type	Human sight and chart	Names of cloud types (e.g. cumulus)
Precipitation	Rain gauge	mm (millimetres)
Relative humidity	Hygrometer	% (percentage of the moisture in the air. At 100%, cloud droplets form.)
Sunshine	Sunshine recorder	Hours per day
Temperature	Maximum and minimum thermometer	°C (degrees centigrade)
Wind direction	Wind vane	Compass point that the wind is coming from (e.g. north)
Wind speed	Anemometer or human sight	m/s or km/h (metres per second or kilometres per hour) or sometimes the Beaufort scale

**Figure 5:** Images of selected weather instruments

