

MEASURING II

Name:

Assessment Criteria: Interpret, with appropriate accuracy, numbers on a range of measuring instruments

1. Look at the scales here.

The red inner scale shows kilograms and the black outer scale shows pounds.

What is the weight in kilograms?

_____kg

What weight is roughly equivalent to 200 pounds?

_____kg



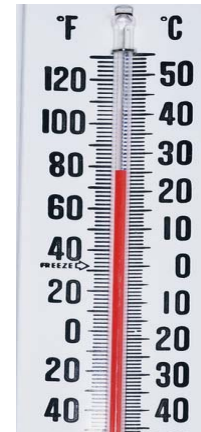
2. Look at the thermometer here.

What is the temperature in degrees Fahrenheit?

_____°F

What temperature is roughly equivalent to 40°C?

_____°F



3. The diagram shows a set square placed next to a ruler. Both these items have a centimetre scale labelled on them.

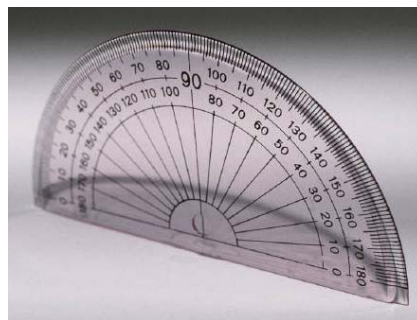
What is the width of the set square?

_____cm



4. This protractor has a scale from 0° to 180°.

Explain how you could use the protractor to draw an angle of 215°.



5. Look at the 30-second stopwatch below. The large hand make two complete turns in one minute.



- a) Ignore the small dial. What are the two possible values for the number of seconds displayed by the large hand?

_____ seconds and _____ seconds

- b) The small dial counts the number of minutes.

It also tells you that the number of seconds is the larger of your two answers in part (a). Explain why.

- c) Now, using the large hand and the small dial, what time could be displayed by the stopwatch?

Overall, I think my success level is:

Low High

Q	MEASURING II	☺	☹
	I can read the scale accurately on a range of measuring instruments		
	I can use my accurate readings to solve problems about measures		
	<i>I can use my own strategies in applying mathematics to practical contexts</i>		
I need to practise ...			