

D We can make *general descriptions* about things in the following way:

A pencil consists of a wooden bar. This bar contains a thin cylindrical rod of graphite. It is pointed at one end.

A matchbox is a wooden or cardboard box in two parts. The two parts consist of a hollow inner tray and an outer sleeve. It is used for holding matches.

These descriptions can be changed slightly in the following way:

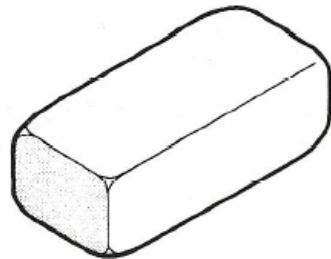
A pencil consists of a wooden bar **which contains** a thin cylindrical rod of graphite. It is pointed at one end.

A matchbox is a wooden or cardboard box in two parts **which consist** of a hollow inner tray and an outer sleeve. It is used for holding matches.

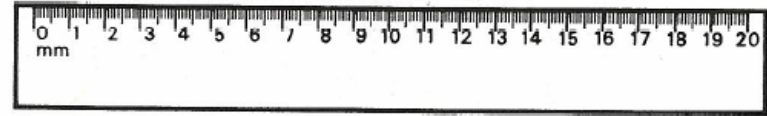
Notice the way *which* is used to connect pieces of information. Notice also that we say *a pencil* or *a matchbox* when we are making a statement about pencils and matchboxes in general.

Study the following general descriptions, and then combine two of the sentences together with *which*, as above.

- 1 An eraser is a solid block of rubber. It is used for erasing pencil marks. It can be either rectangular or round.



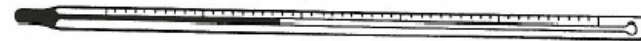
- 2 A ruler is a thin rectangular wooden or plastic strip. It is used for drawing straight lines and measuring linear dimensions.



- 3 A standard mass is a solid cylindrical brass block. It is used for comparing masses on a laboratory beam balance.

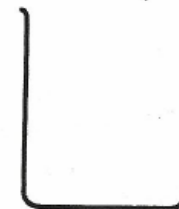


- 4 A laboratory thermometer consists of a sealed hollow glass tube with a hollow spherical bulb at one end. The bulb and the tube both contain mercury. A thermometer is used for measuring temperature.



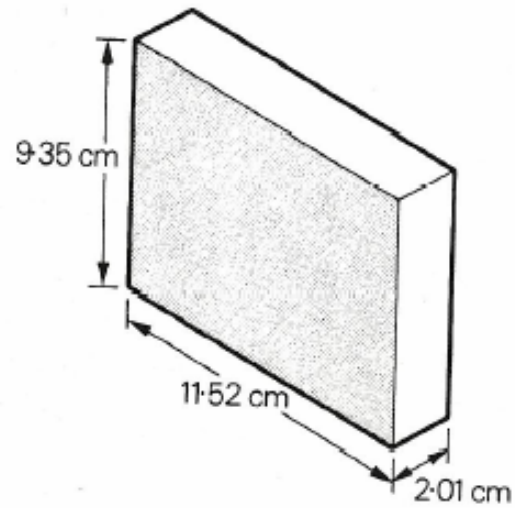
Now write similar descriptions of your own for:

- 5 A beaker
(hollow cylindrical glass container/closed/one end/hold liquids or solids)

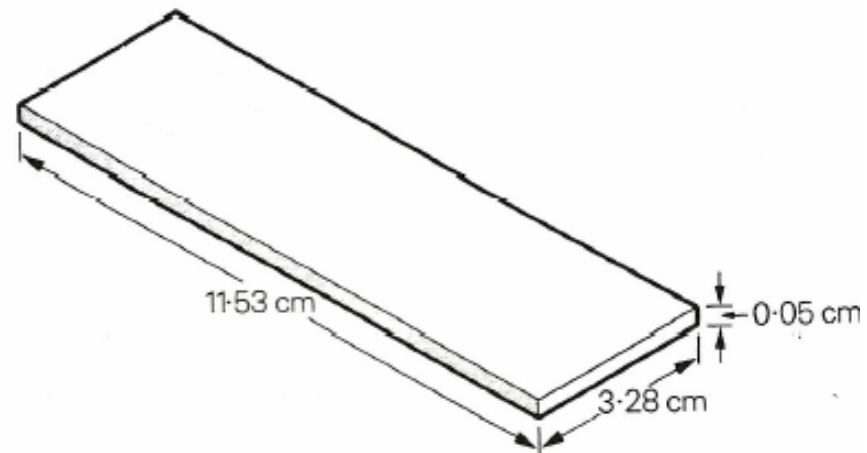


exercise 1 Complete these descriptions by giving the dimensions required.

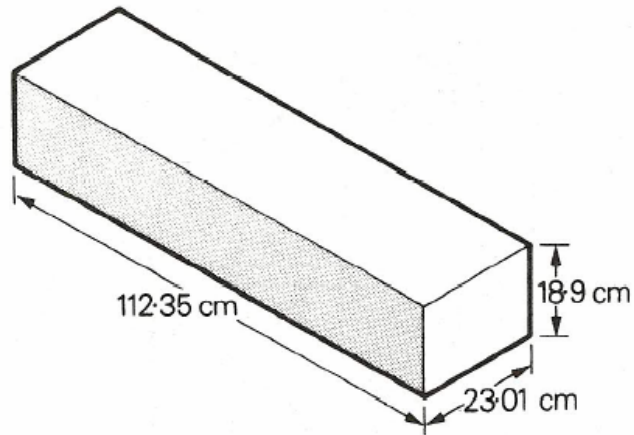
- 1 The block has a h _____ of _____, a l _____ of _____ and a w _____ of _____.



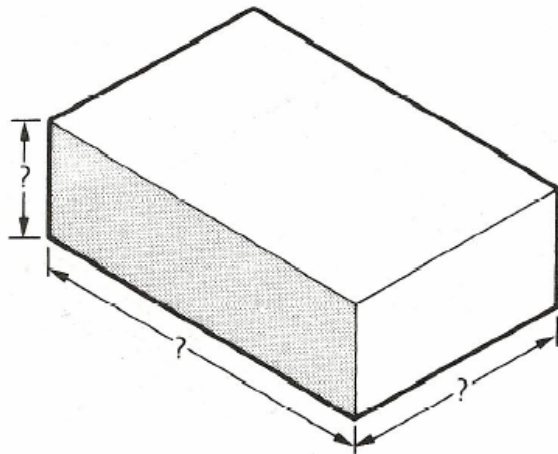
- 2 The l _____ of the block is _____, the w _____ is _____ and the h _____ is _____.



3 The block is _____ w _____, _____
l _____ and _____ h _____.

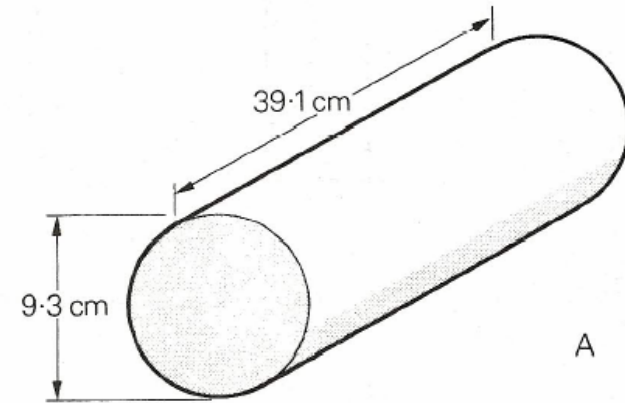


4. How w _____ is the block?
What's the l _____ of the block?
How h _____ is the block?
What's the w _____ of the block?
How l _____ is the block?

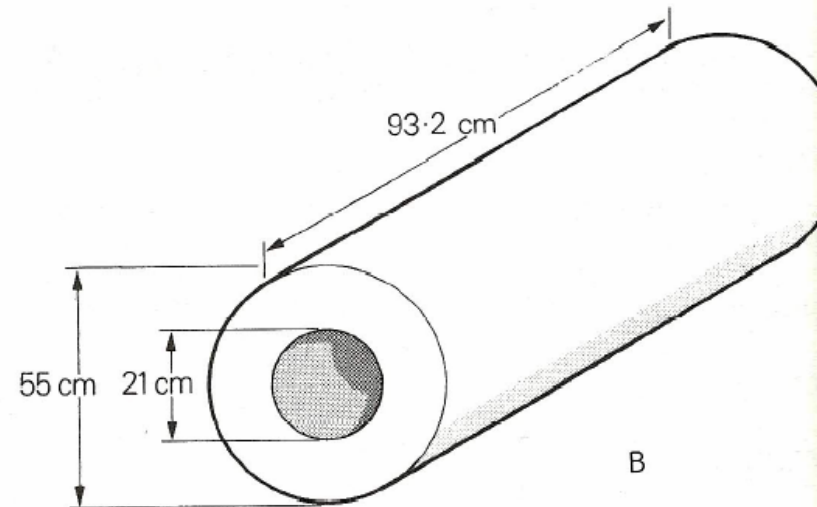


exercise 2 Complete the descriptions of these objects.

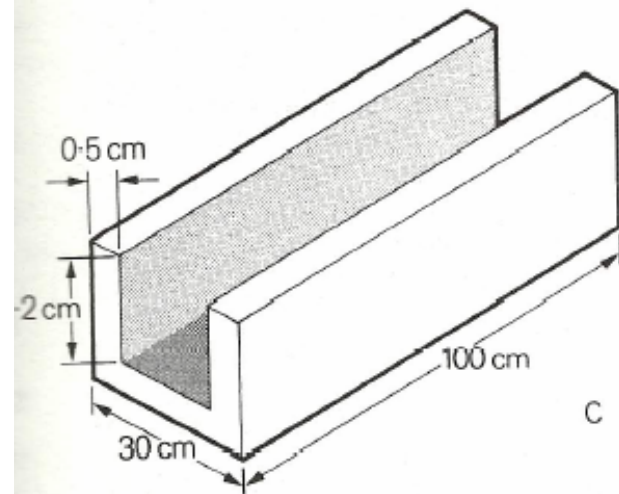
1 A is a _____ steel _____, of _____ 39.1 cm and _____ 9.3 cm.



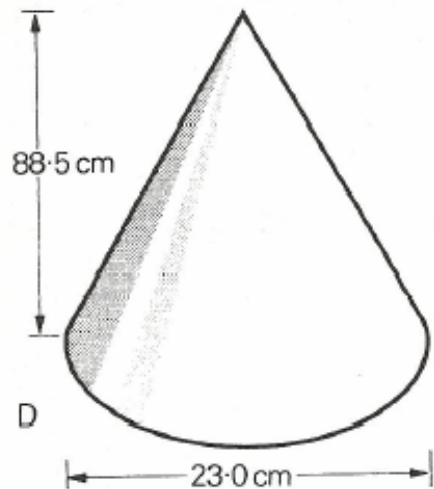
2 B is a _____ copper _____ having an _____ of 21 cm, an _____ of 55 cm and a _____ of 93.2 cm.



is an aluminium _____ which has a _____ of 21.2 cm, a _____ of 0.5 cm, a _____ of 30 cm and a _____ of 100 cm.

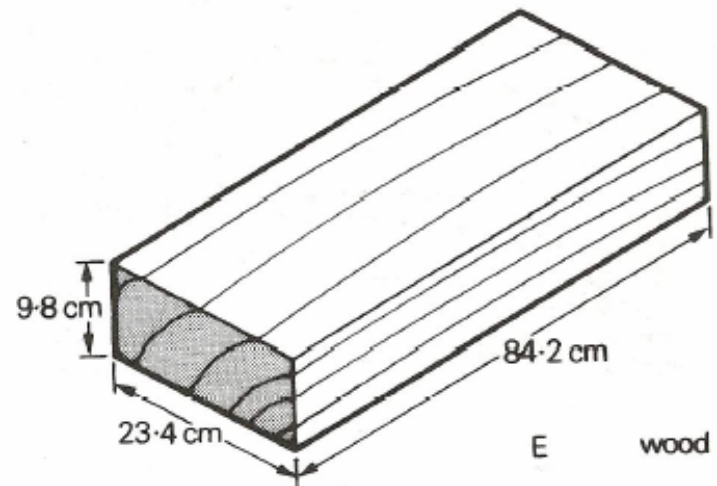


The cone D has a _____ of 88.5 cm, and a _____ of 23.0 cm.

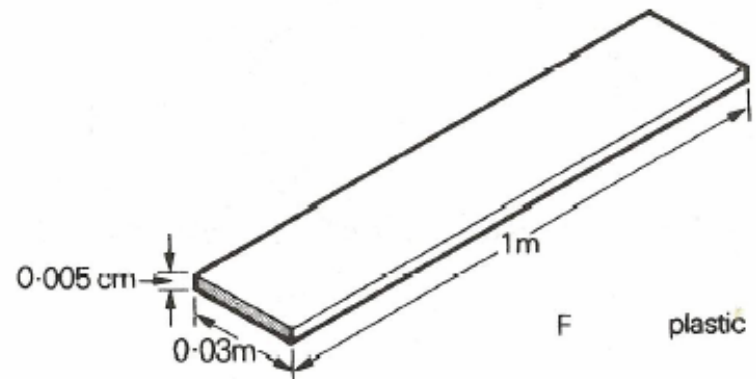


Describe these objects in the same way.

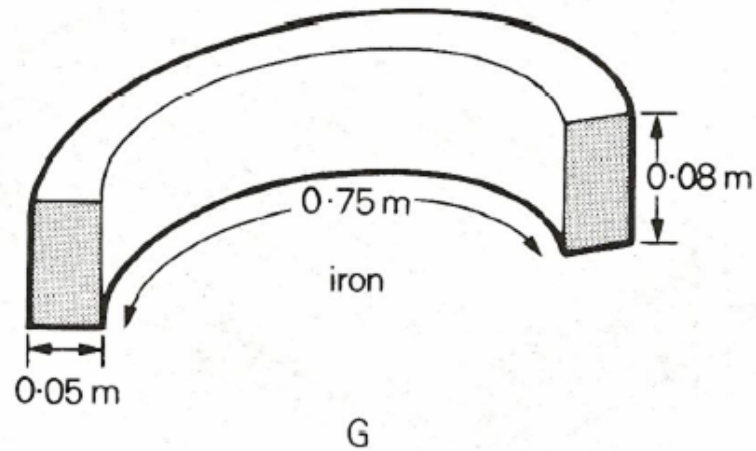
5 E is a ...



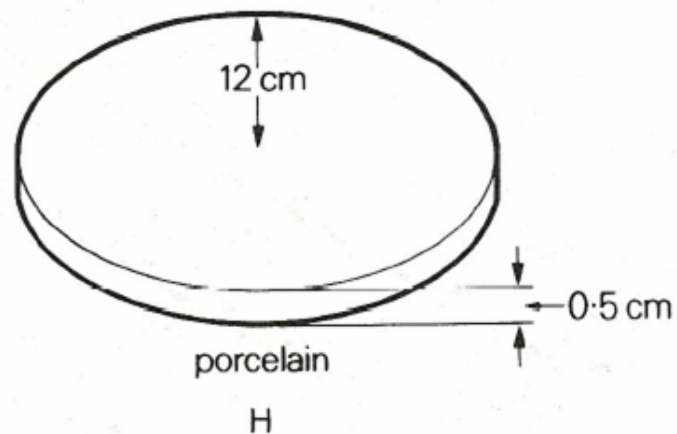
6 F is a ...



7 G is a ...



8 H is a ...



exercise 3 Draw the following shapes:

1 A square with rounded corners.

2 A triangle with one rounded corner.

3 A semi-circle.

4 A cone with a flat top.

5 A cylinder with a point at one end.

6 Draw a curved line from a point A to

C Look at these motions and make similar statements to those in **B**, using both the active and the passive voice. For example:

The string **raises/lifts** the block.

The block is **raised/lifted** by (means of) the string.

