



Review and Remember 5

Dimensions

- 1 What is *Aquarius*? Who lives on *Aquarius* and for how long? Would you like to live there? (Why / Why not?)

Aquarius is an underwater laboratory. It is made of steel and it can withstand pressures at ocean depths up to 36 metres. It is currently located in the Florida Keys National Marine Sanctuary at a depth of 19 metres. That is about four metres off the ocean floor.

It consists of a cylinder which is nearly three metres in diameter and attached to a base plate, so it stays at the bottom of the ocean. The laboratory weighs 73 tons and the base plate weighs 103 tons. Although it's only 13 metres long, six metres wide, and five metres high, six scientists and technicians can live in *Aquarius* for ten days, or even a month, and study underwater life. It has all the comforts of home: six bunk beds, a shower and toilet, hot water, a kitchen with a microwave and refrigerator, air conditioning, and computers with wireless connections.



A side view of *Aquarius*, before it was lowered into the ocean

- 2 Complete this chart.

AQUARIUS LABORATORY

Length
Width
Height
Weight
Cylinder diameter
Base plate weight
Current depth
Maximum depth of operations

- 3 Think of different ways to ask these questions about the dimensions.

What's the:

- length of *Aquarius*?
How long is Aquarius?
- width of *Aquarius*?
.....
- height of *Aquarius*?
.....
- weight of *Aquarius*?
.....
- diameter of the cylinder?
.....
- current depth of *Aquarius*?
.....
- maximum depth of operations?
.....

- 4 Work with a partner. Ask and answer all the questions.

Example

- A How long is *Aquarius*?
B Thirteen metres.

Containers

1 Match the containers and units in the table to the correct picture.

Container	often made of	often contains
a bottle	glass, plastic	wine, ¹
b cup	china	coffee, tea
c box	cardboard, metal ² , tools, controls, tissues
d sack	polythene, ³	sand, cement
e bag	paper, plastic, cloth	rubbish, ⁴ , air
f tank ⁵ , plastic	water, petrol
g tube	a ductile metal, plastic ⁶ , ointment
h crate	lightweight metal, plastic, ⁷	things you're shipping, beer
i pallet	wood	things you're putting on top of one another or stacking
j can	aluminium*, tin	paint, ⁸ , oil, food
k barrel	wood, metal	oil, beer, wine
Unit	often made of	shape
l roll	paper, ⁹ , tape	like a cylinder
m bar	metal, gold, chocolate, soap	like a rectangular box
n lump	coal, sugar, clay, ¹⁰	irregular
o plank	wood ¹¹
p block	heavy things like concrete	with flat sides

aluminium BrE – aluminum AmE

2 Complete the table with words and phrases from the list. Think of more words to add to the table.

aluminium foil	wood	matches
toothpaste	water	fizzy drinks
long and flat	cloth	cheese
school books	metal	



1



2



3



4



5



6



7



8



9



10



11



12



13



14



15



16