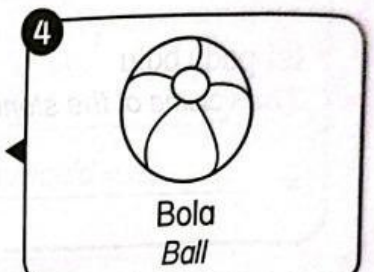
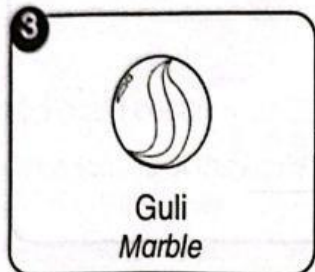


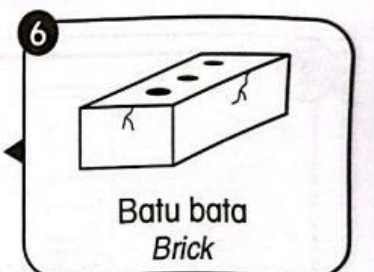
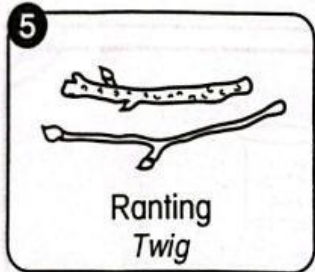


BNP1 Objek atau bahan yang lebih ringan daripada air atau kurang ketumpatan daripada air

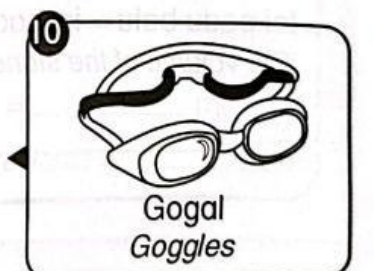
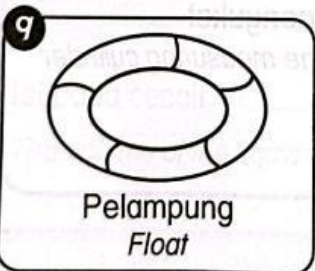
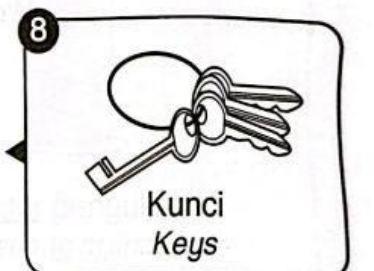
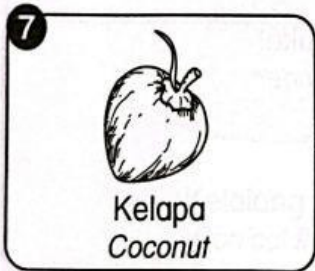
A Padankan dengan jawapan yang betul. **7.1.1** **TP1** **BT** ms. 96 - 97
Match with the correct answers.



Objek yang
timbul
Object that floats



Objek yang
tenggelam
Object that sinks



B

Kumpulkan bahan-bahan berikut dalam kumpulan yang betul.

Group the following materials into the correct groups.

2.1.1

TP 1

BT ma 95 - 97

				
Sauh Anchor	Batu Rock	Botol kaca Glass bottle	Lilin Candle	Daun Leaf
				
Botol plastik Plastic bottle	Besen plastik Plastic basin	Papan Plank	Tayar Tyre	Bulu pelepah Feather

Bahan timbul Materials that float	Bahan tenggelam Materials that sink
1	6
2	7
3	8
4	9
5	10

C

Beri sebab bagi setiap yang berikut. Lengkapkan ayat di bawah.
Give a reason for each of the following. Complete the sentences below.

KBAT 7.1.2 TP2 BT m. 19 - 20

Bahan
Material

Sebab
Reason

1

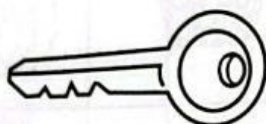


Gabus
Cork

Gabus timbul di permukaan air kerana gabus _____
tumpat daripada air.

*The cork floats on the surface of water because it is _____
dense than water.*

2

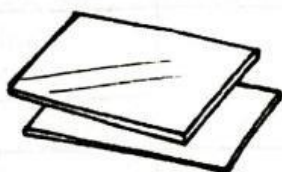


Kunci besi
Iron key

Kunci besi tenggelam di dalam air kerana besi _____
tumpat daripada air.

*The iron key sinks in water because it is _____
dense than water.*

3



Kepingan kaca
Glass sheet

Kaca tenggelam di dalam air kerana kaca _____
tumpat daripada air.

*The glass sheet sinks in water because it is _____
dense than water.*

4



Botol plastik
Plastic bottle

Botol plastik timbul di permukaan air kerana plastik _____
tumpat daripada air.

*The plastic bottle floats on the surface of water because it is _____
dense than water.*

D

Bahan yang manakah lebih tumpat dan yang manakah kurang tumpat daripada air? Padankan. KBAT 7.1.2 TP 3 BT ms. 99 - 100

Which material is more dense than water and which material is less dense than water? Match.

1



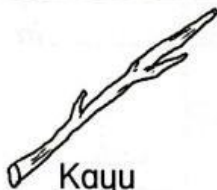
Kertas
Paper

2



Plastisin
Plasticine

3



Kayu
Stick

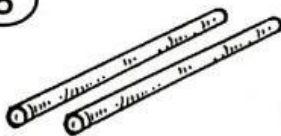
4



Batu
Stone

Lebih
tumpat
daripada air
More dense
than water

5



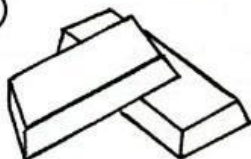
Besi
Iron

6



Plastik
Plastic

7



Emas
Gold

8



Minyak masak
Cooking oil

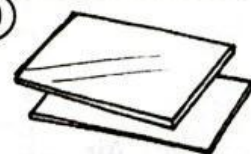
Kurang
tumpat
daripada air
Less dense
than water

9



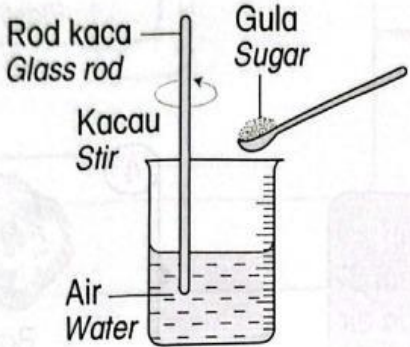
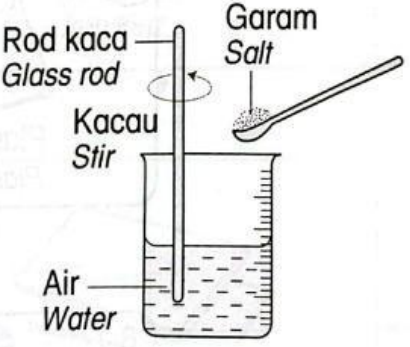
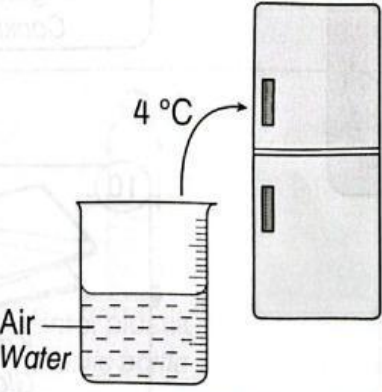
Ais
Ice

10



Kaca
Glass

- E** Apakah cara untuk menjadikan air lebih tumpat? Lengkapkan ayat di bawah. KBAT 7.1.3 IPA 31 ms 100
What are the methods to make water more dense? Complete the sentences below.

Kaedah Method	Kesimpulan Conclusion
1  Rod kaca Glass rod Kacau Stir Gula Sugar Air Water	Melarutkan _____ di dalam air. Dissolve _____ in the water.
2  Rod kaca Glass rod Kacau Stir Garam Salt Air Water	Melarutkan _____ di dalam air. Dissolve _____ in the water.
3  4 °C Air Water	_____ air kepada 4 °C. _____ of water to 4 °C.

F

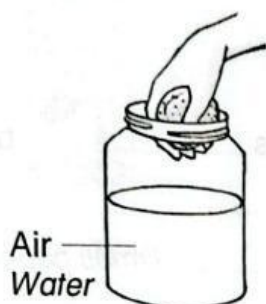
Ramalkan pemerhatian bagi aktiviti di bawah. Lukis ramalan kamu dalam ruang pemerhatian. (KBAT) 7.1.3 TP 5 BT ms 101

Predict the observations for the activities below. Draw your prediction in the column under observation.

Kaedah
Method

Pemerhatian
Observation

- 1 Masukkan sebiji oren ke dalam balang kaca berisi air
Place an orange in a glass jar containing water



- 2 Masukkan sebiji oren yang telah dikupas kulitnya ke dalam balang kaca berisi air
Place a peeled orange in a glass jar containing water



- 3 Masukkan minyak masak, madu dan alkohol ke dalam silinder penyukat berisi air dan biarkan selama beberapa minit
Add cooking oil, honey and alcohol into a measuring cylinder containing water and leave it for a few minutes

