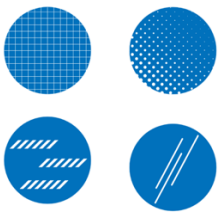
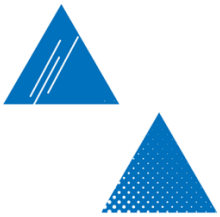
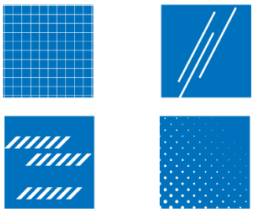
1. The diagram below shows three groups of objects.

		
A	B	C

What is the method of grouping the objects?

1. Shape
2. Pattern
3. Quantity
4. Size

2. Study the classification chart below.

Skin texture of fruits

Group Q	Group R	GroupS
 Peach	 Lychee	 Apple
 Kiwi	 Jackfruit	 Watermelon

Which is the appropriate group for the lemon fruit shown below, Q, R, or S?



Lemon

1. Group Q
2. Group R
3. Group S
4. Non of above

3. Study the leaves below.



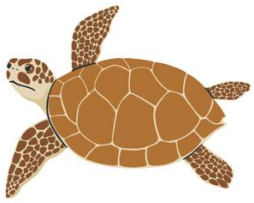
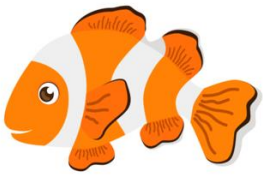
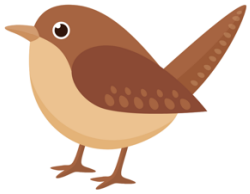
examples of single leaf and compound leaf

			
Leaf A	Leaf B	Leaf C	Leaf D
			
Leaf E	Leaf F	Leaf G	Leaf H

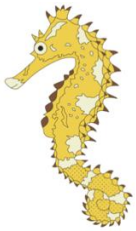
Which of the leaves above are examples of compound leave.

1. C and H only
2. B and D only
3. B, F and G only
4. C, E and H only

4. Study the classification table below.

			
Group W	**Group X**	**Group Y**	**Group Z**

Which group would be the most appropriate classification for the sample animals below?



1. Group W
2. Group X
3. Group Y
4. Group Z

5. From the picture, Thanwa classified the stone into two groups. What is the method used to clearly distinguish?

Group A	Group B
	

1. Shape
2. Hardness
3. Source
4. Pattern

6. Study the diagram of a belt below.



belt

What materials are most commonly used to make parts A and B of a belt?

	A	B
1.	Rubber	Polyester
2.	Leather	Iron
3.	Aluminium	Rubber
4.	Leather	Polyester

7. Nose hairs are found in our nostrils.



What is the function of the nose hairs?

1. To trap oxygen for our body.
2. To trap germs and prevent them from infecting our throat.
3. To takes oxygen into the body.
4. To trap dust particles and prevent them from entering our lungs.

8. Which are all internal organs in the body?

1. Intestines, heart and nose
2. Brain, stomach and lungs
3. Ears, eyes and legs
4. Heart, eyes and stomach

9. Which is a natural sound source?

1. Firecracker sound
2. Alarm clock sound
3. The sound of thunder
4. The sound of machinery

10. Which man-made sound source is most likely to cause health hazards if located near it?

1. Alarm clock sound
2. Music sound
3. The sound of a volcano eruption
4. The sound of a car horn

11. Study the classification table below.

Group A	Group B
Grass	Toadstool
Papaya tree	Staghorn fern
Orchid plant	Bracket fungus

Which criteria are used to categorize Group A and Group B?

	Group A	Group B
1.	Land plants	Aquatic plants
2.	Reproduce by seeds	Reproduce by spores
3.	Able to photosynthesise	Unable to photosynthesise
4.	That grow individually	That grow in clusters

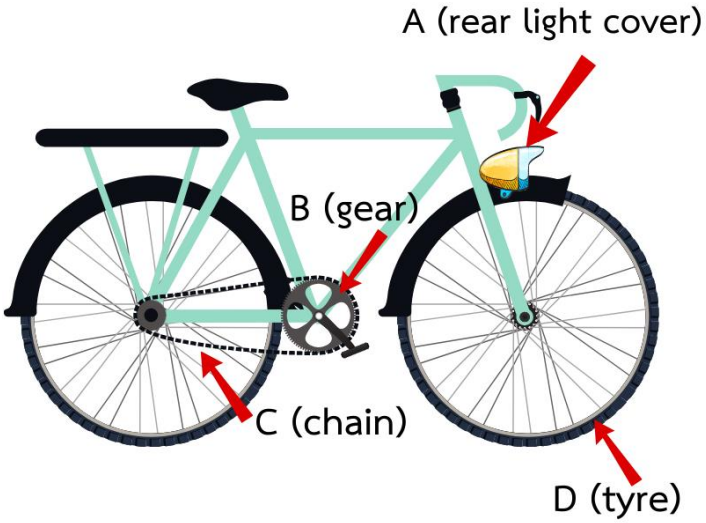
12. Which statement is accurate about the phenomenon of day and night?

1. It is a phenomenon caused by the earth's orbit around the sun.
2. During the day, the sun can be seen and the moon may be seen at certain times on certain days.
3. It is a phenomenon caused by the moon orbiting the earth.
4. At night the moon can be seen every day.

13. Which of the following groups of items are obtained exclusively from animals?

1. Sugar, wine, wood, gold
2. Butter, book, iron, rubber
3. Egg, milk, mutton, leather
4. Cheese, bacon, cotton, beef

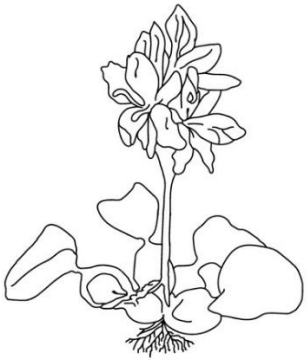
14. The diagram below shows a bicycle.



Which part(s) of the bicycle is/are made of metal?

1. B only
2. C only
3. A and D only
4. B and C only

15. How are these two organisms alike?



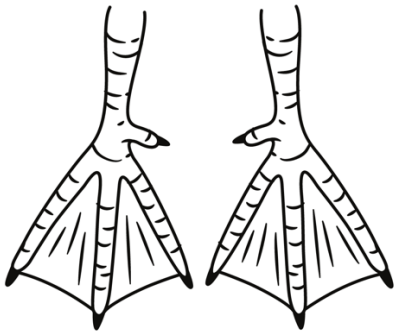
Water hyacinth



Sunflower

1. grow at the same rate
2. live in same pond
3. make their own food
4. respond to touch quickly

16. Which of the following options are the feet shown in the diagram below specially suited for?



1. For running quickly.
2. For paddle through the water more efficiently.
3. For climb trees and digging into the wood.
4. For perching on tree branches, wrap their toes around the branch to help balance.

17. Jenny bought two pots of young plants of the same kind. She placed them in the garden. After four days, plant A grew healthy, but plant B was dying.



Pot A



Pot B

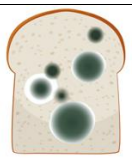
The table below shows the living conditions provided to the plants.

Pot	Type of soil	Volume of water (ml)	Volume of fertiliser (g)	Location of the pot
Plant A	Loamy	50	10	In the shade
Plant B	Loamy	50	10	Under direct sunlight

From the information provided, which of the following inferences or conclusions can be made?

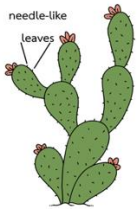
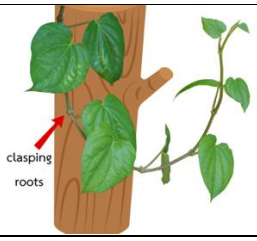
1. Plants need water to stay alive.
2. Plants need sunlight to make food.
3. Plant B would grow healthily in the shade.
4. Plant A had to compete with plant B to get more sunlight.

18. Which of the following groups of things need air to stay alive?

Group A	Group B	Group C
		
Sea turtle	Bread mold	Cactus
		
Shark	Mushroom	Jerboa rat

1. A only
2. C only
3. A and B only
4. A, B and C

19. The diagrams below show the structural adaptations of some plants.

		
Cactus	Money plant	Water hyacinth

Which of the following shows the purpose of their structural adaptations correctly?

	Cactus	Money plant	Water hyacinth
1.	Float on water	Reduce water loss	Absorb maximum sunlight
2.	Float on water	Absorb maximum sunlight	Reduce water loss
3.	Reduce water loss	Float on water	Absorb maximum sunlight
4.	Reduce water loss	Absorb maximum sunlight	Float on water

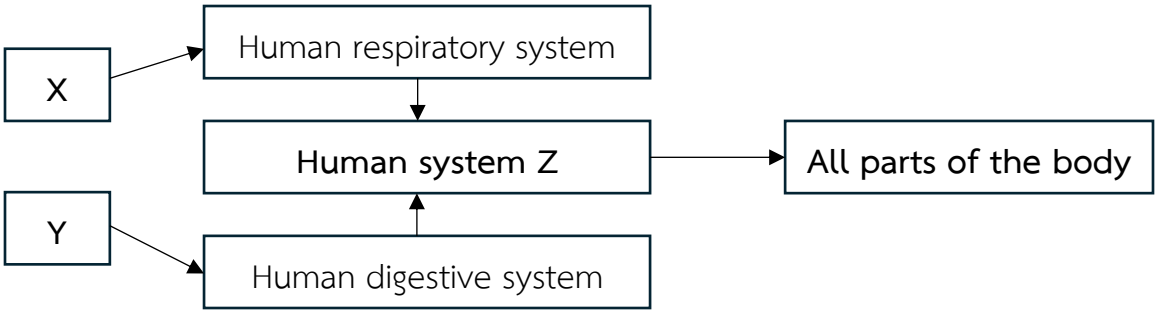
20. The picture below shows the use of a garden hose.



Why is the garden hose made of rubber?

1. It can sink in water.
2. It is flexible.
3. It is soft.
4. It is weak.

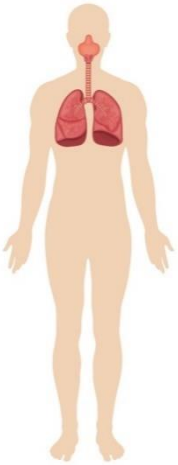
21. The diagram below illustrates the integration of human organ system to enable all parts of the body to obtian substances X and Y.

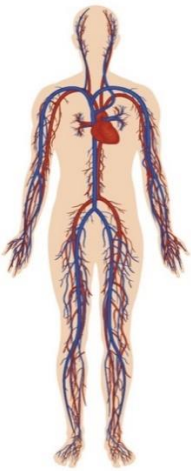


Identify human system Z.

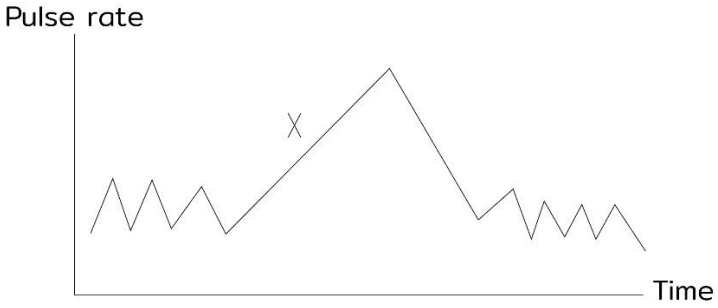
1. 

2. 

3. 

4. 

22. The diagram below shows the pulse rate of a boy.

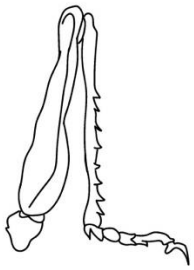


What is the activity that students think a boy is doing at x point?

1. The boy was resting.
2. The boy was walking.
3. The boy was running.
4. The boy was eating.

23. The following diagrams show the legs of four animals. Which one of the following animals can swim and jump?

1. Animal A



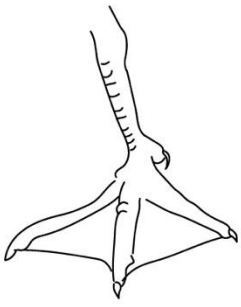
2. Animal B



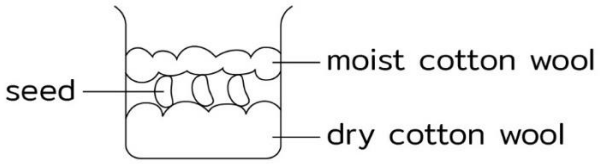
3. Animal C



4. Animal D

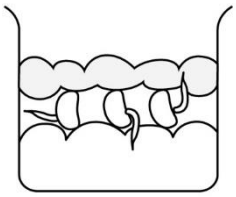


24. The experiment shows seeds placed between dry cotton and moist cotton in beaker. Next, place the beaker near the window.

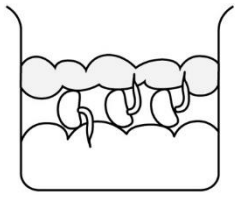


Which of the following correctly predicts the growth of the seeds after several days?

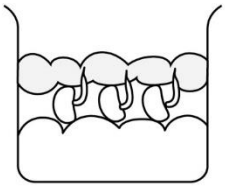
1.



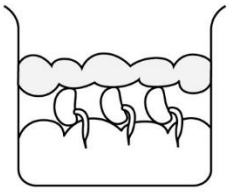
2.



3.

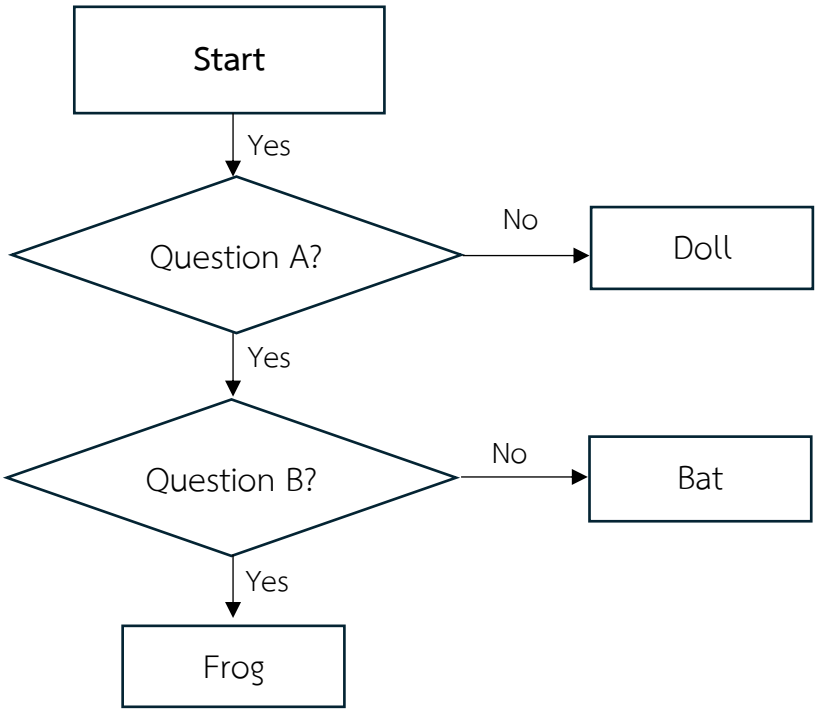


4.



25. Peter observed a doll, a frog, a bat and classified them in a flow chart as shown below.

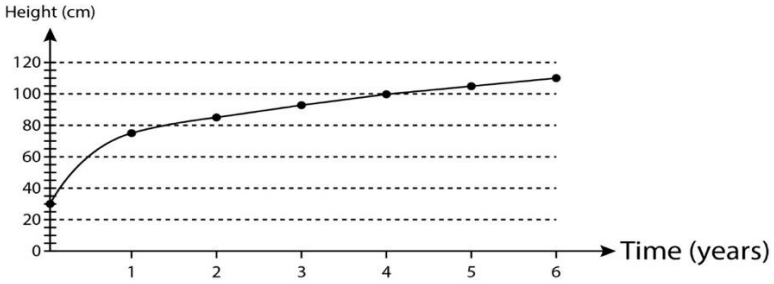
		
Doll	**Frog**	**Bat**



What are the questions?

	Question A	Question B
1.	Lay eggs?	Swim?
2.	Lay eggs?	Do young live in water?
3.	Reproduce?	Lay eggs?
4.	Reproduce?	Give birth to young alive?

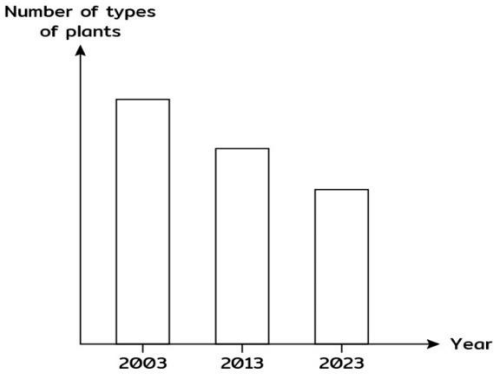
26. Study the graph below which shows the height of a boy over time.



What does the graph show?

1. As the boy grows, there is an increase in his height.
2. At the age of 4, The boy was approximately 50 cm tall.
3. The longer the time the boy spends on games, the taller he is.
4. There was a greater increase in the boy's height after he was one year old.

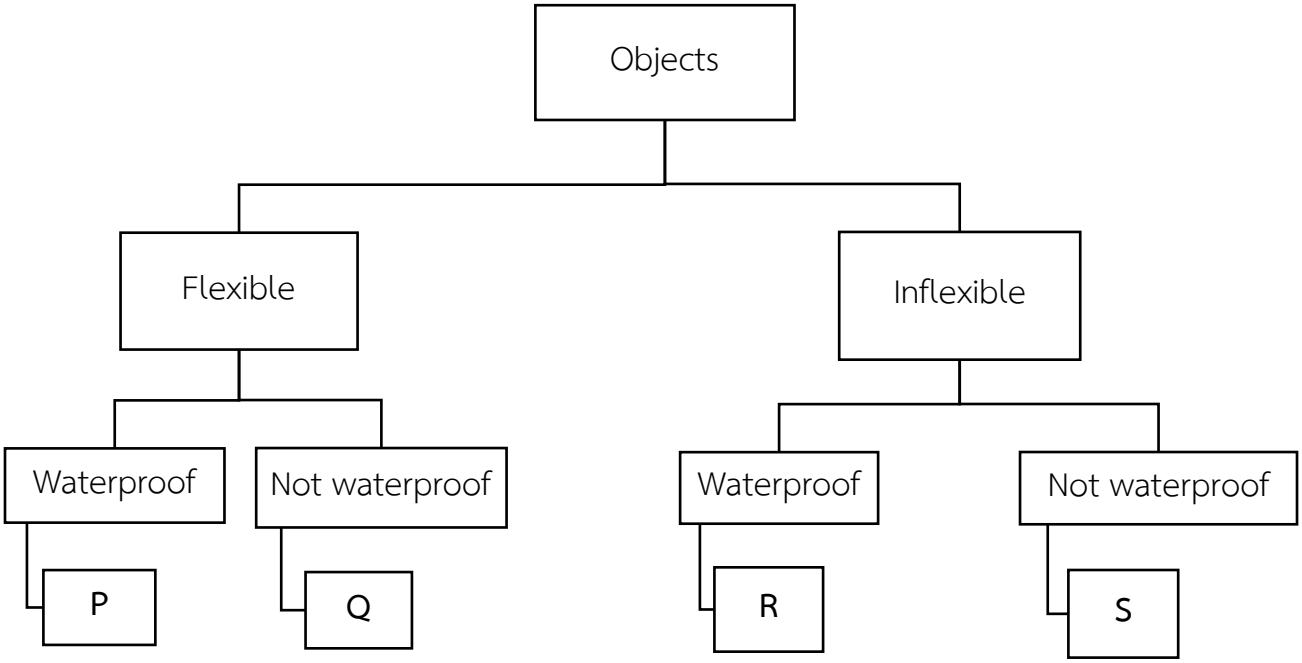
27. Starting in 2003, the graph below shows the number of plant types in a forest counted every ten years.



From the graph, it is likely that _____.

1. more and more plants in the forest died over the years
2. some plants were no longer found in the forest after year 2003
3. new types of plants can be found in the forest after year 2003
4. the plants in the forest reproduced slower over the years

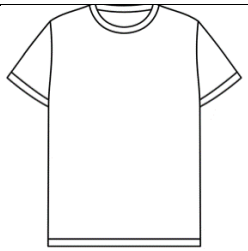
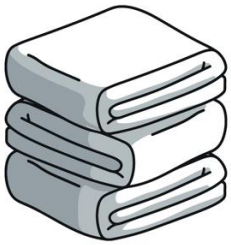
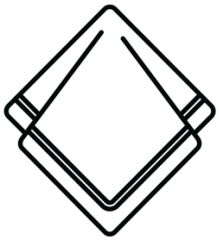
28. Study the classification chart below.



Which of the objects is probably a ceramic mug?

1. P
2. Q
3. R
4. S

29. The following things are made of cotton.

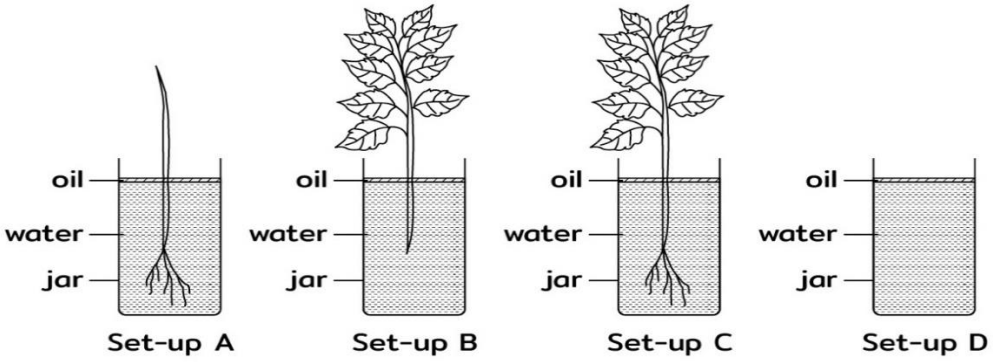
			
Singlet	**T-shirt**	**Bath towel**	**Handkerchief**

Why is the cotton suitable for making these things?

A. Cotton absorbs perspiration.
B. Cotton comes from plants.
C. Cotton is soft and flexible.
D. Cotton is light.

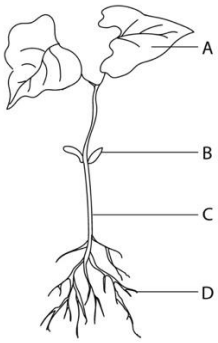
1. A and D only
2. C and D only
3. A, C and D only
4. A, B, C and D

30. Some students want to know whether the leaves of plants increase the amount of water the plants will absorb. Which two of the following set-ups should they use for the experiment?



1. Set up A and C
2. Set up A and D
3. Set up B and C
4. Set up C and D

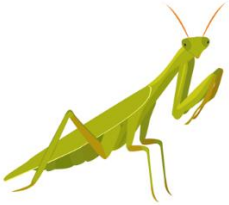
31. Four parts of a plant are labeled in the diagram below.



Which statement about the parts of the plant shown above is true?

1. The plant makes food at part A.
2. Sunlight is being made used of by only part B.
3. Water is absorbed by part C.
4. Food is stored in part D.

32. Study the following two groups of animals.

Group A	Group B
Centipede 	Grasshopper 
Crocodile 	Deer 
Frog 	Horse 
Praying mantis 	Rabbit 

They are grouped according to their

1. habitats
2. sources of food
3. ways of reproduction
4. types of outer covering

33. Mr.Wong wanted to save water. He bought a new shower head to replace the old shower head in his bathroom. He conducted an experiment with the new and the old shower heads. He connected to each shower head to the hose and turned on the faucet to allow water to flow for one minute into a container.



Which of the following is an appropriate evidence to support that the new shower head can help to save water?

1. No water flows out from the new shower head.
2. More water flows out from the old shower head.
3. Same amount of water flows out from the old and new shower heads.
4. Different amounts of water flow out from the old and new shower heads.

34. Study the following objects.



Bamboo basket



Leather gloves

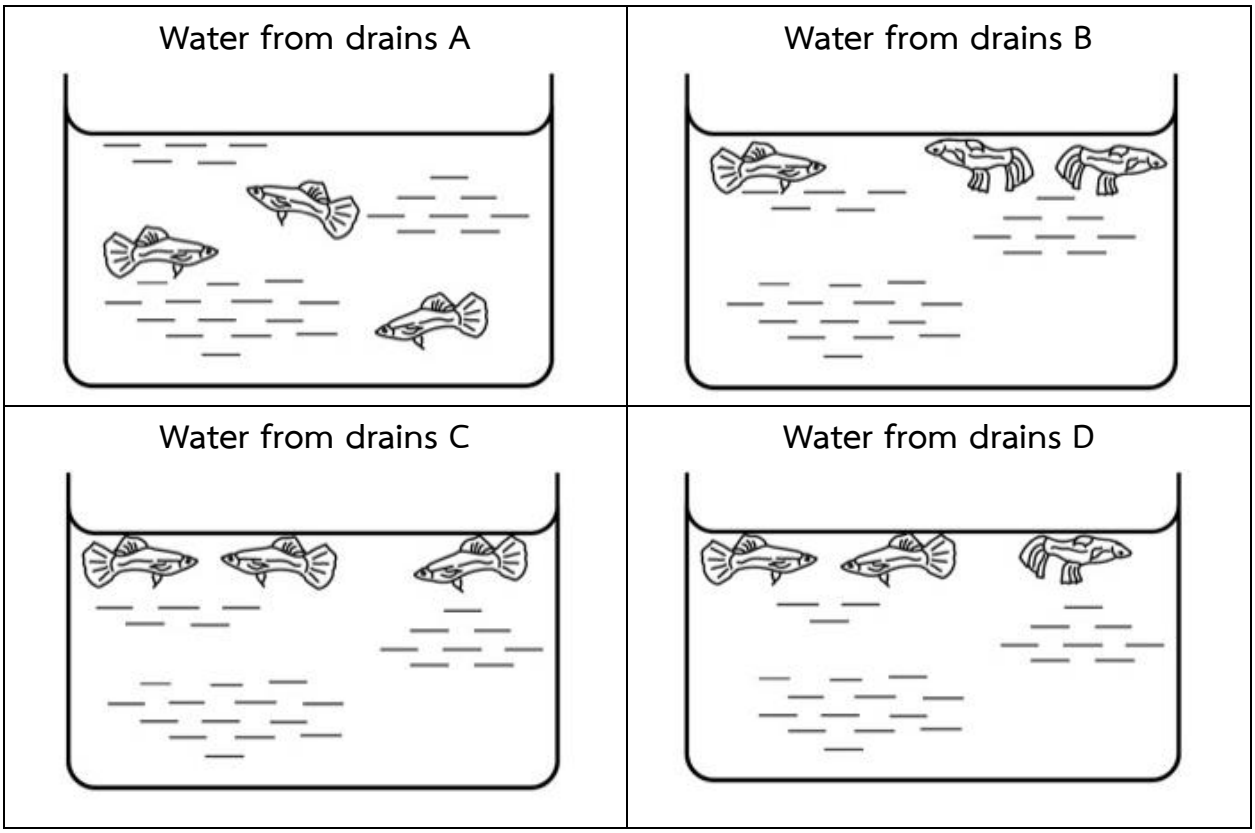


Wooden chair

In what way are they similar?

1. They are made of materials obtained from living things.
2. They are made of materials obtained from the ground.
3. They have the same flexibility.
4. They have the same strength.

35. Jessica wanted to find out if the quality of water affects the survival of guppies. She filled four tanks with 200 ml of water collected from four different drains and then placed three guppies into each tank. She added 10 g of food to each of the tanks and left them at a cool place. The low diagram below shows what happened the next day.



Water from _____ is likely to be the most polluted.

1. drains A
2. drains B
3. drains C
4. drains D

36. The measurement of a day is determined by _____.

1. the rotation of Earth on its axis.
2. Earth's revolution around the sun.
3. the moon's motion around Earth.
4. the period between successive full moons.

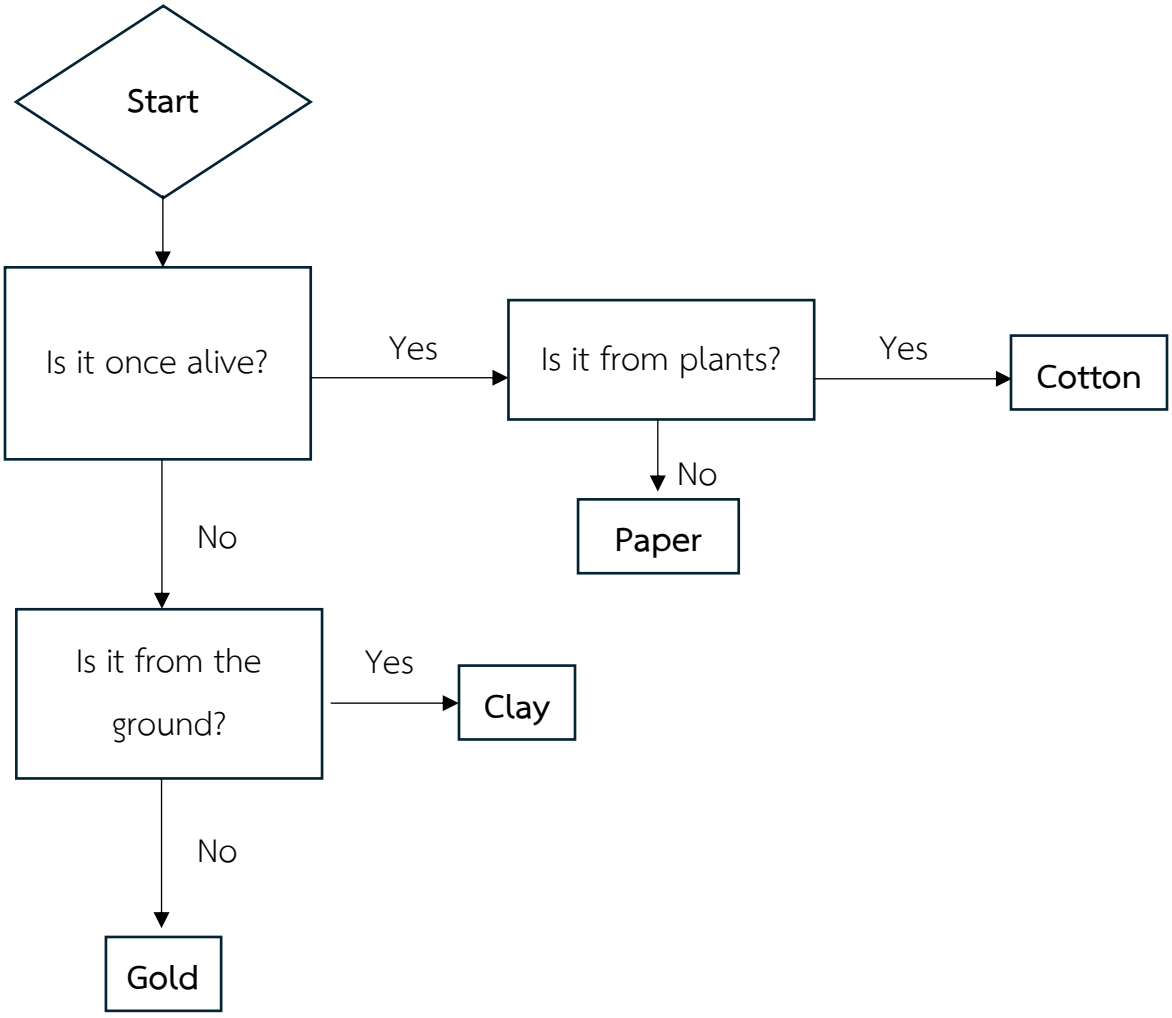
37. Minggy carries out different activities every day. The diagram below shows the different activities that he carries out.

A. 	B. 
C. 	D. 

Which of the activities above require(s) energy?

1. C only
2. B and D only
3. B, C, and D
4. A, B, C, and D

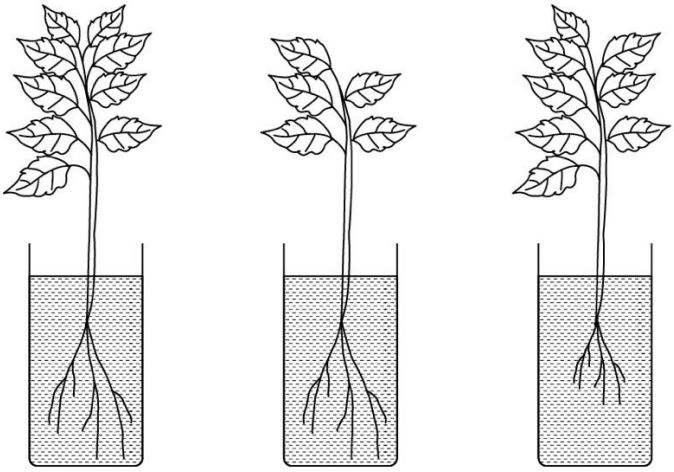
38. Study the flow chart below.



Which of the materials has/have been incorrectly classified?

1. Gold only
2. Paper only
3. Clay and paper only
4. Gold and paper only

39. A farmer did an experiment to find out the effects of fertilisers X and Y. He took three identical plants and grew them in water with no fertiliser, fertilizer X and fertiliser Y respectively. The diagrams below show the results of his experiment.



Based on the results of the experiment, which of the following is an <u>incorrect</u> conclusion?

1. Fertiliser X makes the roots of the plant grow faster.
2. Fertiliser Y makes the roots of the plant grow slower.
3. Fertiliser Y increases the number of leaves produced by the plant.
4. Fertiliser X increases the number of leaves produced by the plants more

40. Compare the following two groups of fruit.

	
tomato	watermelon
	
papaya	lychee

Group A

	
maple fruit	yang fruit
	
angsana fruit	

Group B

In what way are they different?

	Group A	Group B
1.	Juicy	Not juicy
2.	Have many seeds	Have no seeds
3.	Have smooth skin	Have rough skin
4.	Help in reproduction	Do not help in reproduction

คำตอบวิชาวิทยาศาสตร์ ชั้นประถมศึกษาปีที่ 2

ข้อ	คำตอบ	ข้อ	คำตอบ
1	1	21	4
2	2	22	3
3	4	23	2
4	3	24	3
5	1	25	3
6	2	26	1
7	4	27	2
8	2	28	3
9	3	29	3
10	4	30	1
11	2	31	1
12	2	32	2
13	3	33	4
14	4	34	1
15	3	35	2
16	2	36	1
17	3	37	4
18	4	38	4
19	4	39	1
20	2	40	1