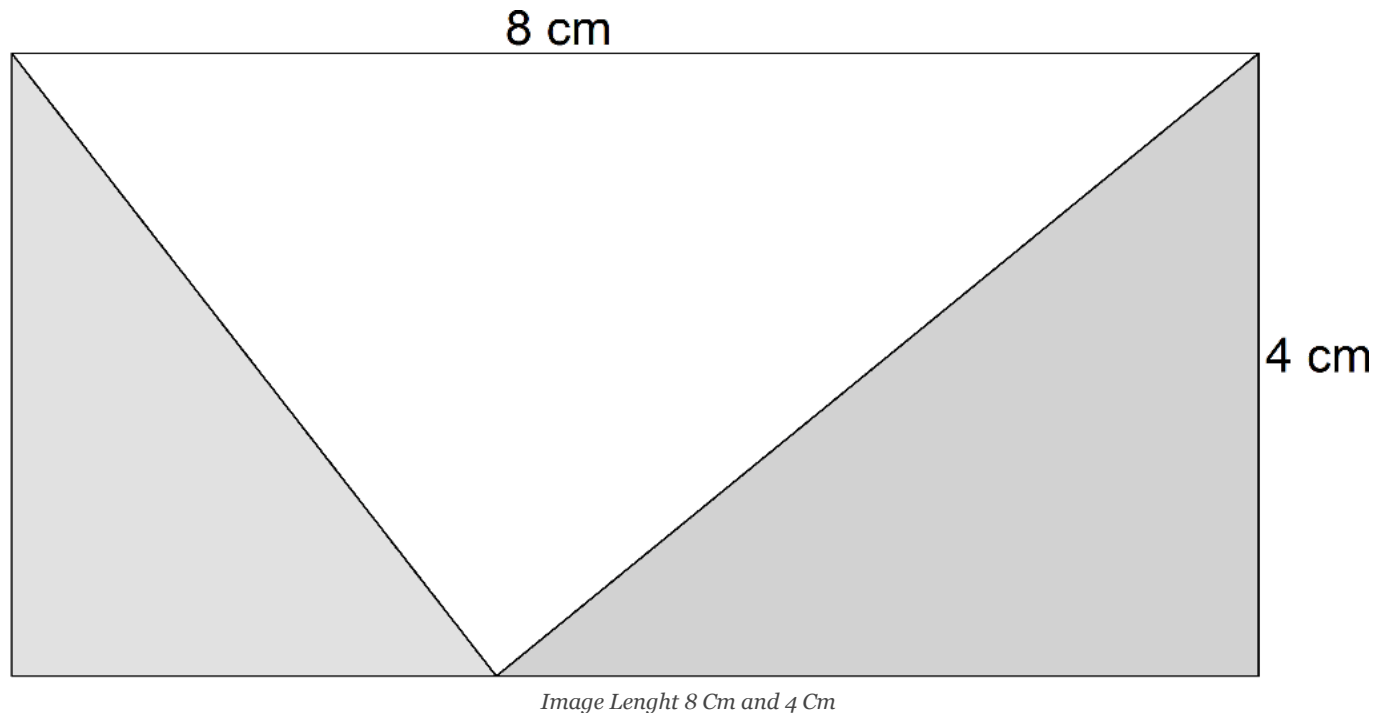


## NSTSE Class 4 Question Paper 2018 Part 2

### Question 21:

The rectangle shown has side length of 8 cm and 4 cm. What is the area of the shaded region?



(1) 32 sq cm

(2) 16 sq cm

(3) 64 sq cm

(4) 12 sq cm

### Question 22:

Study the following equation

$$792 \times 650 = 800 \times 650 - \text{_____} \times \text{_____}.$$

What is the value of the product of the missing numbers?

(1) 520

(2) 5020

(3) 5200

(4) 8650

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**Question 23:**

Study the Pattern of the fractions.

$$\frac{3}{4}, 1\frac{4}{5}, 2\frac{5}{6}, \boxed{?}, 4\frac{7}{8}$$

*Image Pattern Fraction*

How is the missing fraction expressed as a mixed fraction?

(1)  $5\frac{8}{9}$

(2)  $6\frac{9}{10}$

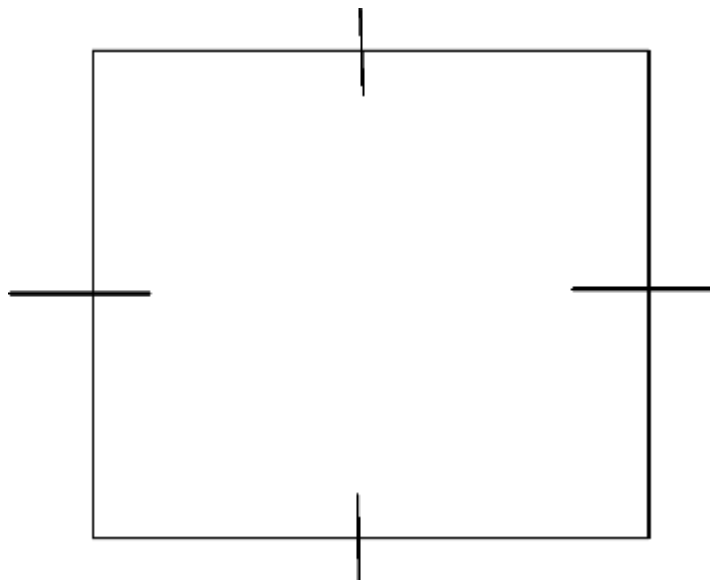
(3)  $3\frac{6}{7}$

(4)  $6\frac{1}{7}$

**Question 24:**

Identify the figure with only one pair of parallel lines.

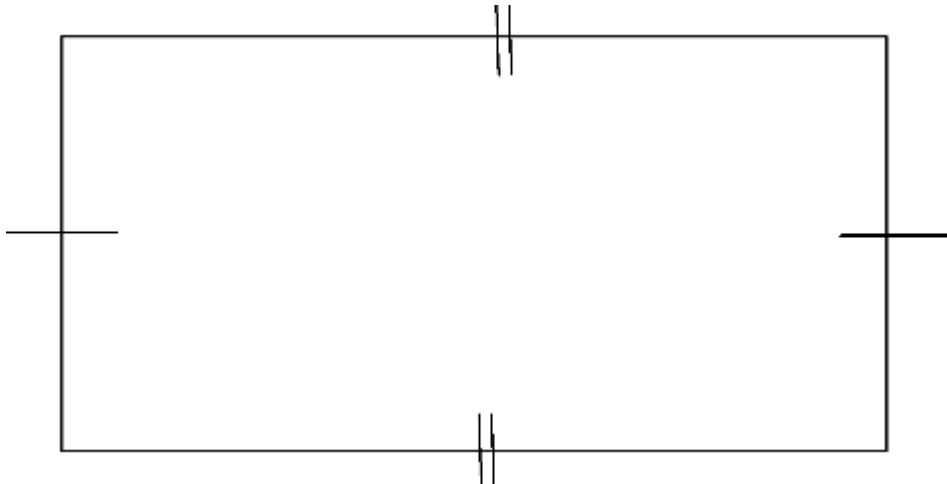
(1)



*Paraller Line Choice A*

(2)

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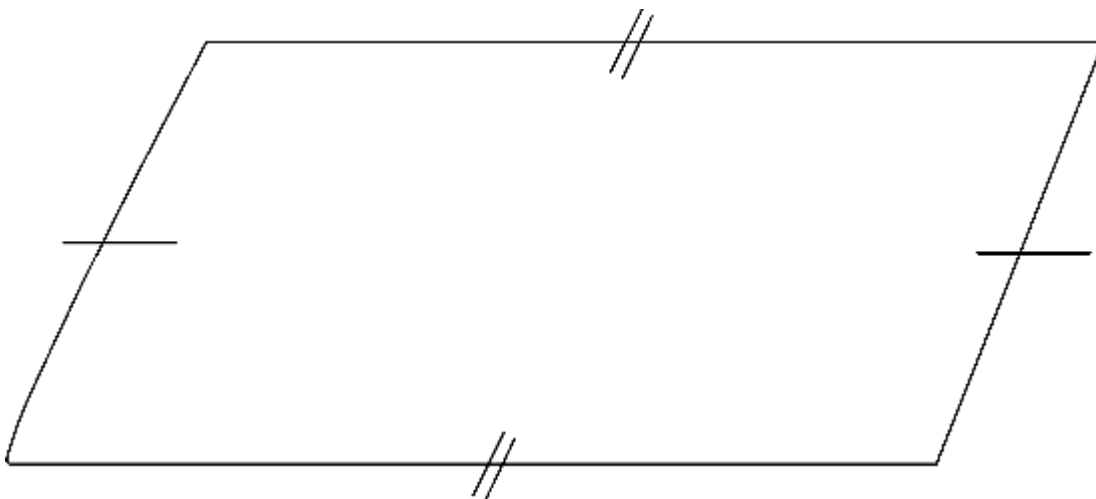
Paraller Line Choice B

(3)



Paraller Line Choice C

(4)



Paraller Line Choice D

### Question 25:

Study the following:

- The number is a multiple of 4, between 6 and 15.
- It is also a factor of 36

Identify the number described in the box.

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(1) 12

(2) 16

(3) 8

(4) 9

## General science

### Question 26:

What happen when sand is added to a cup of water?

(1) The sand melts

(2) The sand dissolves

(3) The sand sinks to the bottom of the cup

(4) The sand floats on top of the water

### Question 27:

Choose the correct sequence that shows the passage of food in our body.

(1) *Mouth → Stomach → Food pipe → Small intestine*

(2) *Mouth → Food pipe → Stomach → Small intestine*

(3) *Mouth → Stomach → Food pipe → Small intestine → Food pipe*

(4) *Mouth → Small intestine →→ Food pipe → Stomach*

### Question 28:

Which animal does a tadpole turn into?

(1) Frog

(2) Butterfly

(3) Chicken

(4) Bird

### Question 29:

The sun is a source of light. What other form of energy comes from the sun?

(1) Heat

(2) Sound

(3) Electricity

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(4) Wind

**Question 30:**

Remain of plants and animals from long ago are called

- (1) Fossils
- (2) Endangered
- (3) Dinosaurs
- (4) Endemic

**Question 31:**

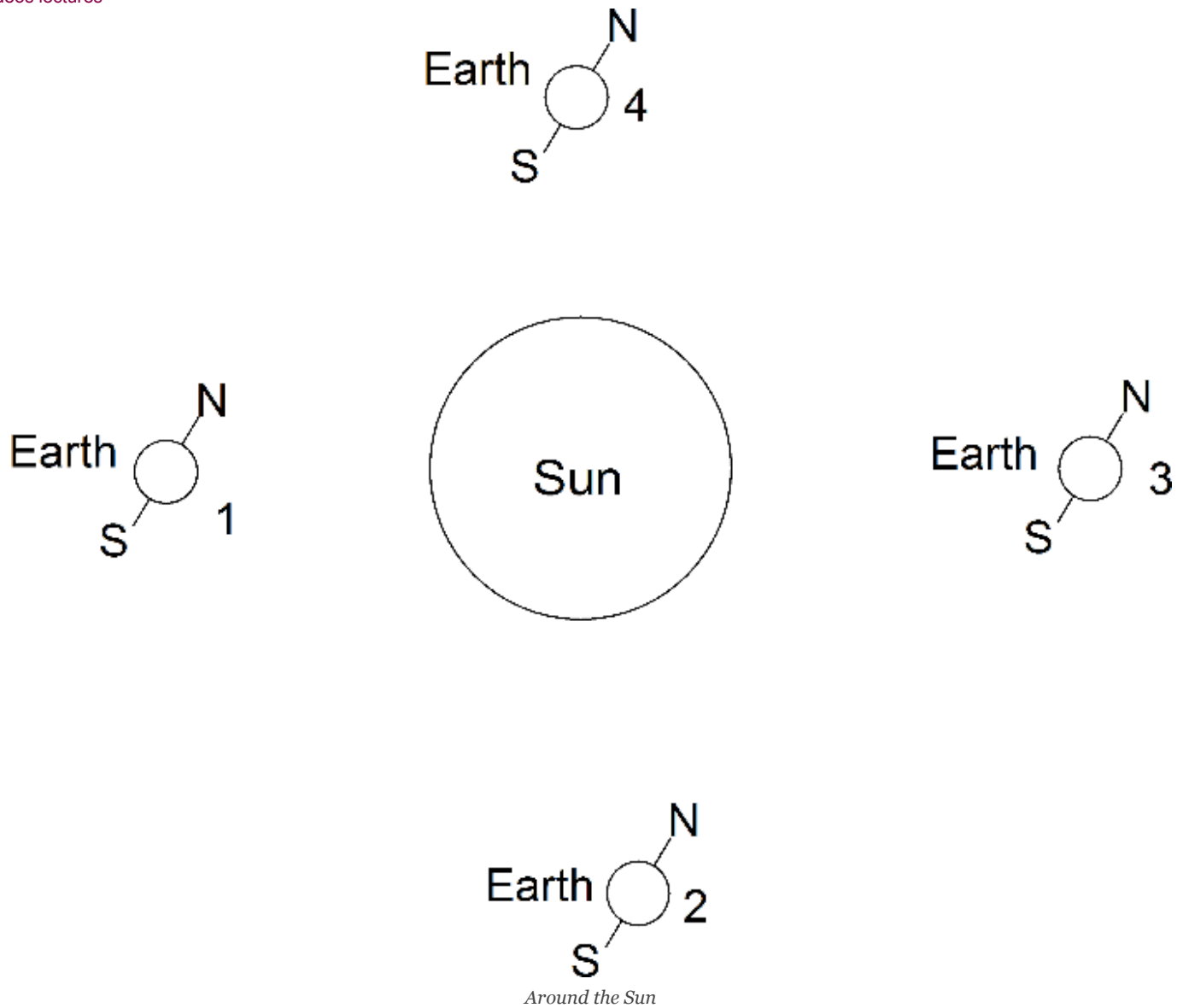
Which living things is an example of a carnivore?

- (1) Grass
- (2) Cow
- (3) Lion
- (4) Robin

**Question 32:**

The diagram shows earth at four different locations around the sun.

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At which location is it summer in Earth's Northern Hemisphere?

- (1) 1
- (2) 2
- (3) 3
- (4) 4

**Question 33:**

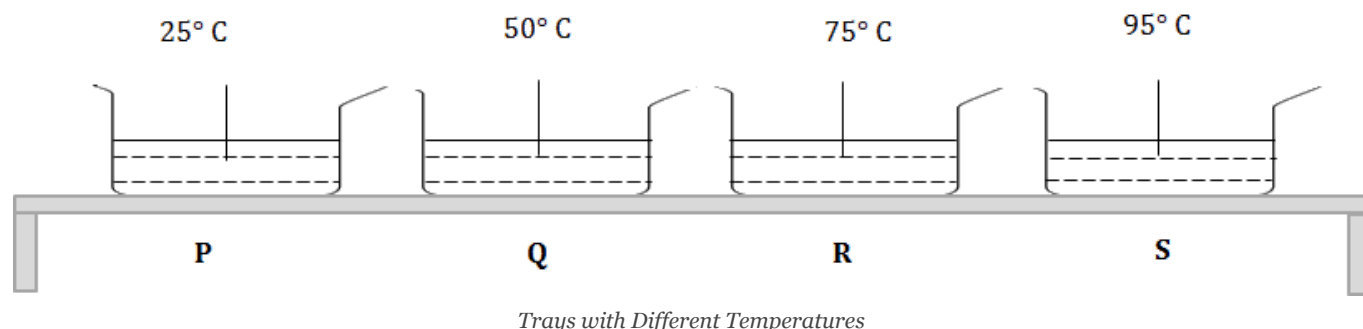
Photosynthesis is the process of

- (1) Using sunlight to make food from  $CO_2$  and water
- (2) Breaking down materials by wind, water, or temperature change
- (3) Changing from an immature form to an adult form
- (4) Forming clouds through evaporation and condensation

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### Question 34:

There are four identical trays with different temperatures, each contain 20 ml of water, as shown below. Which tray of water will probably have the highest rate of evaporation?



(1) P

(2) Q

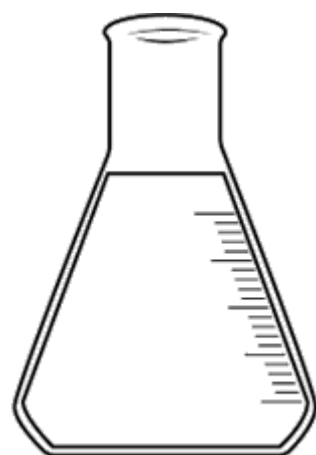
(3) R

(4) S

### Question 35:

Student are testing how the shape of a container affects the rate of evaporation. They place four containers of water outside on a windy day. From which open container will the water most likely evaporate the fastest?

(1)

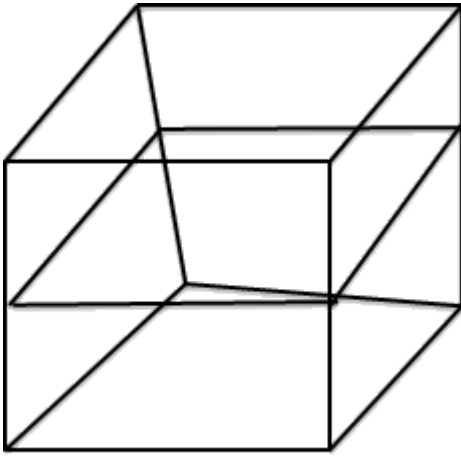


**150 ml of water**

*Image 150 Ml of Water*

(2)

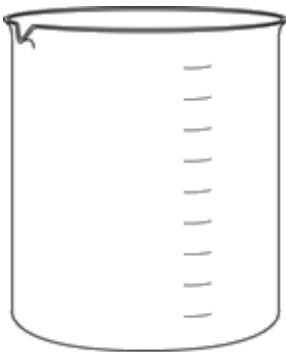
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**150 ml of water**

*Image Shape of Water*

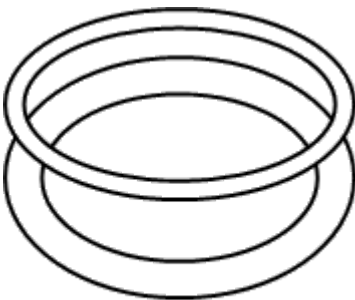
(3)



**150 ml of water**

*Iamge Shape Image Water*

(4)



**150 ml of water**

*Image Shape of Image*

### Question 36:

Identify synthetic fiber.

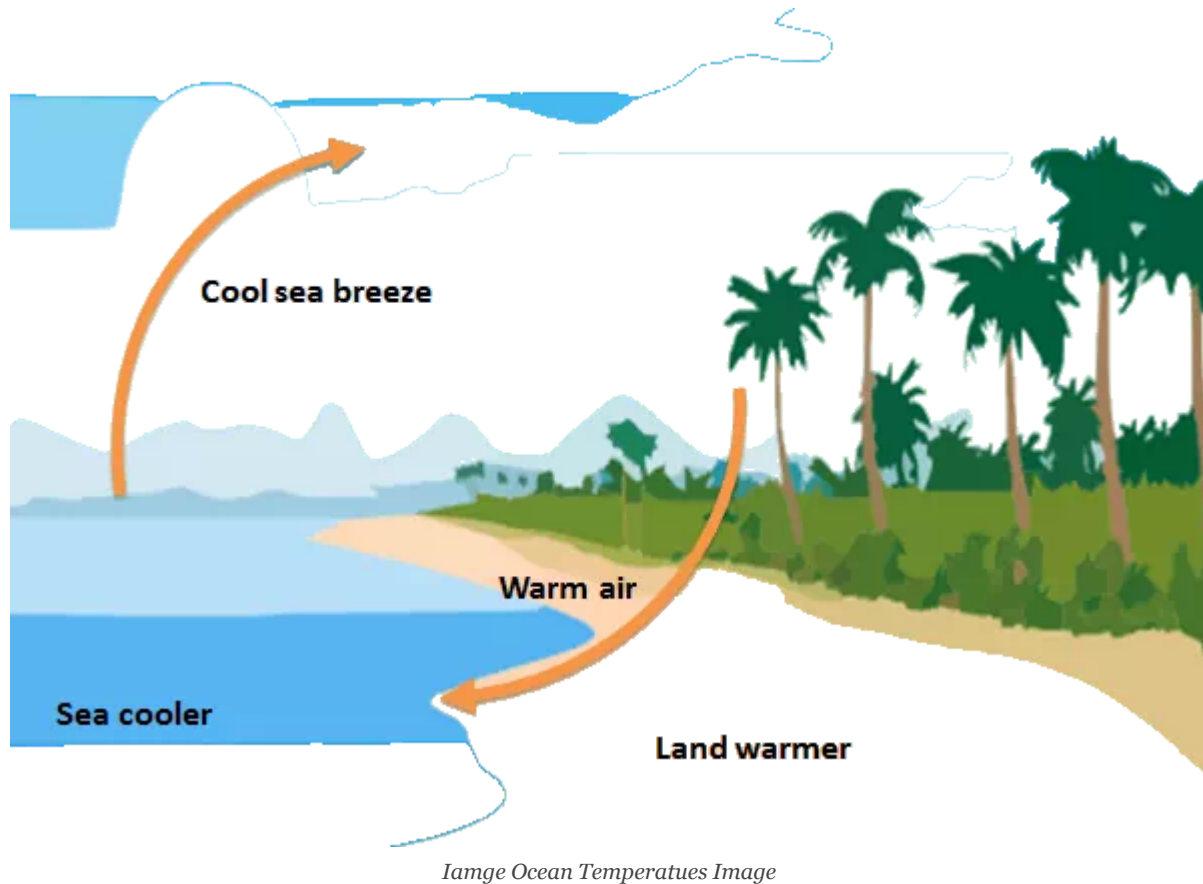
- (1) Nylon
- (2) Wool
- (3) Cotton
- (4) Silk



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### Question 37:

A diagram of land and ocean temperatures is shown.



The diagram illustrates the

- (1) Sea breeze
- (2) Movement of wave
- (3) Soil erosion
- (4) Formation of a hurricane

### Question 38:

Which activity within our solar system takes approximately one year to complete?

- (1) Moon revolving around the sun once
- (2) A distance star revolving around earth once
- (3) Earth revolving around the sun once
- (4) The moon revolving around earth once

### Question 39:

A long time ago, scientists could not study animal cell because they could not see their small parts. What tool is helpful to them to see the small parts of the cell?

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(1) Balance

(2) Telescope

(3) Microscope

(4) Thermometer

**Question 40:**

Compare ice and water vapor. Which of the following comparisons is not true?

ICE

WATER VAPOR

(1) Can be compressed

Can be compressed

(2) Has no fixed shape

Has a fixed shape

(3) Is water in solid state

Is water in gaseous state

(4) Is visible

Is invisible

*IMAGE OF ICE AND WATER*

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