



▶ Examrace 422K

NSTSE Class 4 Question Paper 2018 Part 1

Mathematics

Question 01:

By how much is the sum of 30980 *and* 14270 less than the sum of 54200 *and* 20180 ?

(1) 29130

(2) 17310

(3) 9310

(4) 9130

Question 02:

Find the sum of the greatest 8-digit number and the smallest 9-digit number.

(1) 1,99,99,999

(2) 19,99,99,999

(3) 99,99,99,999

(4) 1,00,00,999

Question 03:

Place value of a digit increases by _____ times as it moves place by place from right to left.

(1) 100

(2) 1/10

(3) 10

(4) 1000

Question 04:

A family consumes $3\frac{1}{2}$ litres of milk every day. How many litres of milk did the family consume in February 2016?

(1) 91

(2) 28

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(3) $101\frac{1}{2}$

(4) 98

Question 05:

Observe the given equation.

$$\frac{5}{6} \times 15 = \frac{\boxed{?}}{18} \times 15$$

Image Number Missing

Identify the missing number in the box.

(1) 15

(2) 40

(3) 25

(4) 5

Question 06:

The cost of a pencil and eraser is ₹ 5 Priya bought 3 pencils and 4 eraser and paid ₹ 17. How much do 2 pencils and 3 erasers cost?

(1) ₹ 6

(2) ₹ 15

(3) ₹ 10

(4) ₹ 12We get,

Question 07:

What is the perimeter of the given figure if all the measures are in cm?

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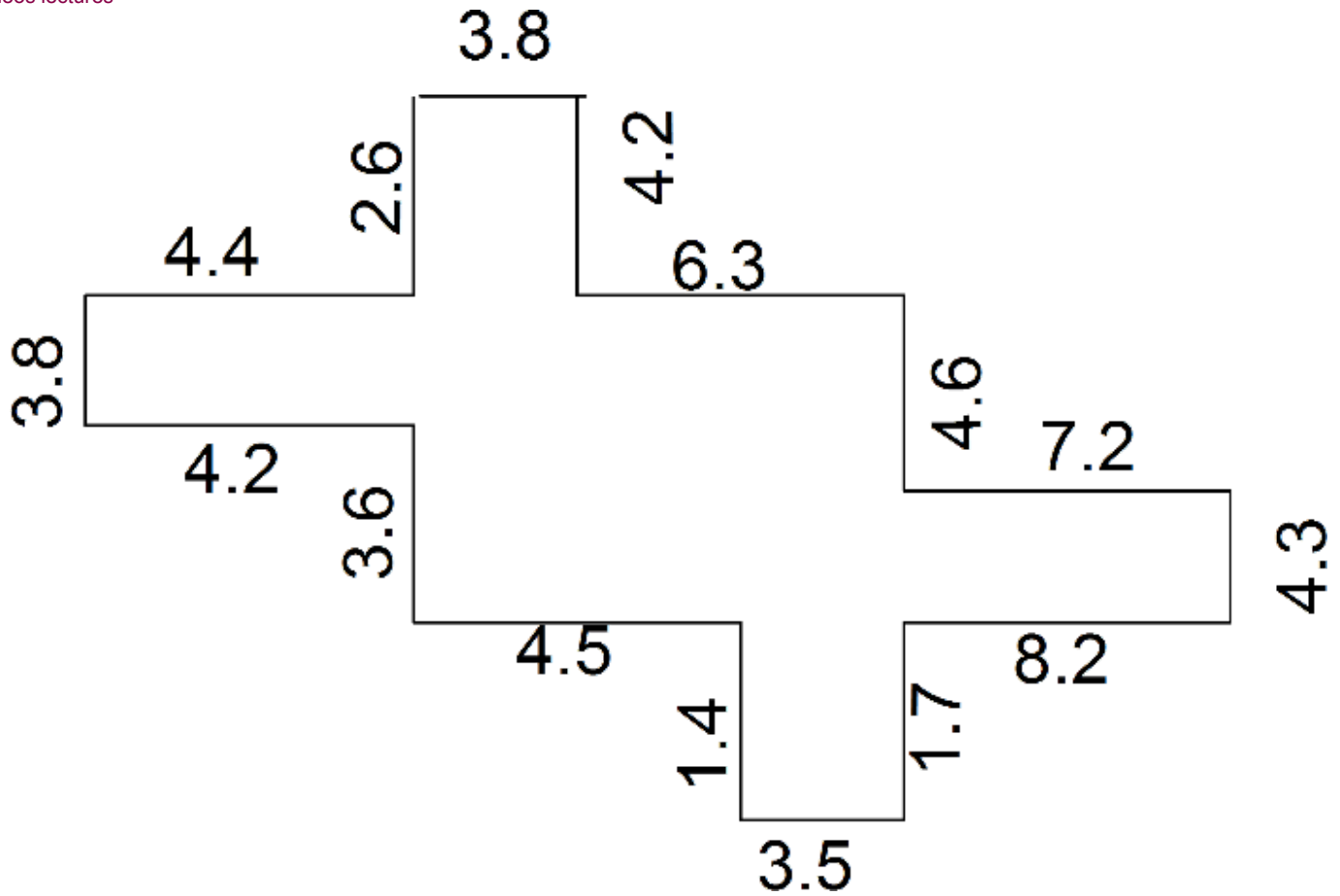


Figure Measures

- (1) 68.2 cm
- (2) 68.1 cm
- (3) 86.3 cm
- (4) 68.3 cm

Question 08:

The length of a rectangle is $\frac{6}{5}$ of its breadth. If its perimeter is 132 m, find its area.

- (1) 1080 m²
- (2) 640 m²
- (3) 1620 m²
- (4) 2160 m²

Question 09:

If side of square is $\frac{1}{4}$ cm. Find the area of square.

- (1) 1 cm
- (2) 0.0625 cm²

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(3) 0.625 cm^2

(4) 0.5 cm^2

Question 10:

Find the ascending order of the numbers in the box

LXIV , XLVI , LXVI , XLIV

Image Number of Box

(1) $LXVI, LXIV, XLVI, XLIV$

(2) $LXVI, XLVI, LXIV, XLIV$

(3) $XLIV, XLVI, LXIV, LXVI$

(4) $XLVI, XLIV, LXVI, LXIV$

Question 11:

_____ $\times 3 \times 6 = 666$ then the value of _____ is

(1) 35

(2) 36

(3) 37

(4) 40

Question 12:

In the figure given, a garden with dimensions 50 m by 30 m has a pathway of width 2m.

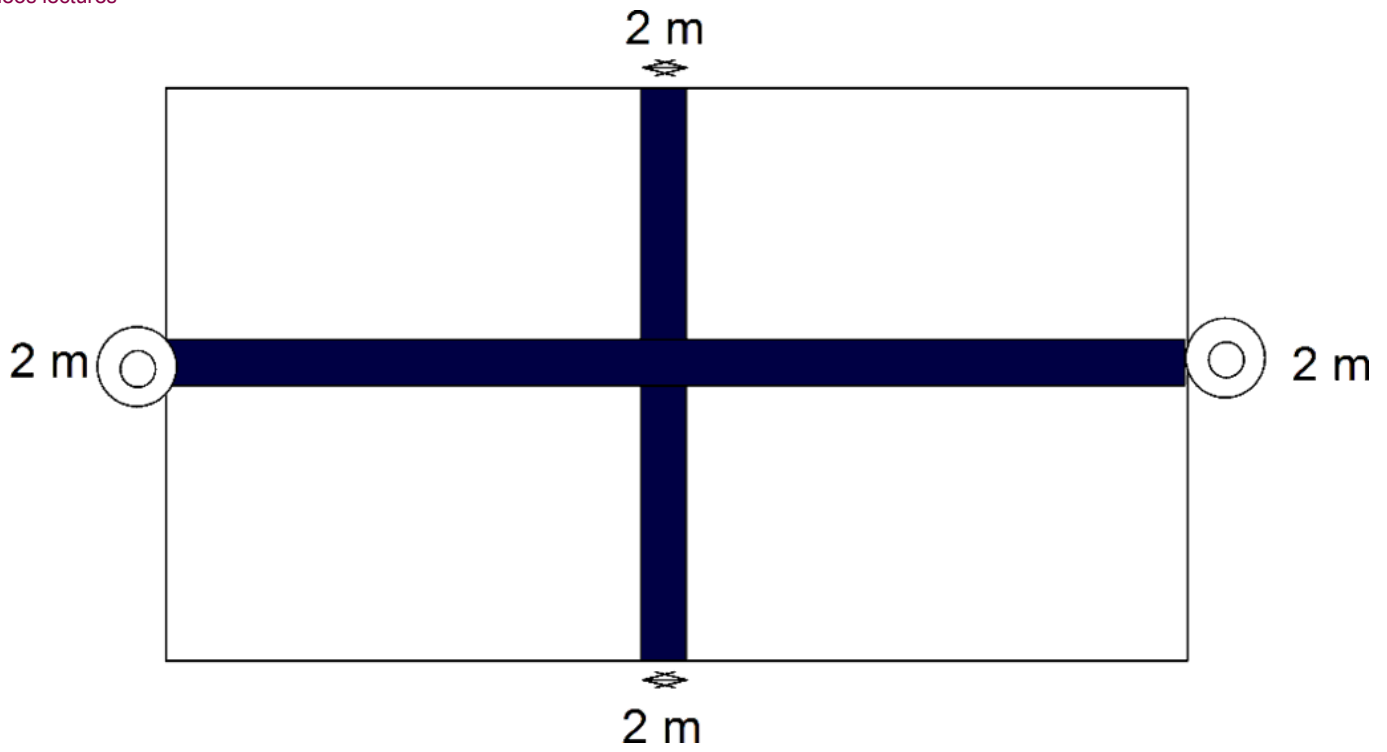


Image Pertimeter Table

What is the perimeter of the pathway?

- (1) 156 m
- (2) 146 m
- (3) 158 m
- (4) 160 m

Question 13:

A TV films starts at 5 : 30 *p.m.* on a Sunday. It runs for 2 hours 30 minutes. At what time does it end?

- (1) 7 : 30 *p.m.*
- (2) 8 : 45 *p.m.*
- (3) 7 : 45 *p.m.*
- (4) 8 : 00 *p.m.*

Question 14:

The population of the city is 8,05,03,624. There are 3,53,72,460 men and 3,00,04,738 women. The rest of them are children. Find the number of children in the city.

- (1) 1,50,26,246
- (2) 1,51,26,426
- (3) 1,51,62,246

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(4) 1,50,62,246

Question 15:

Figure A and B have the same perimeter.

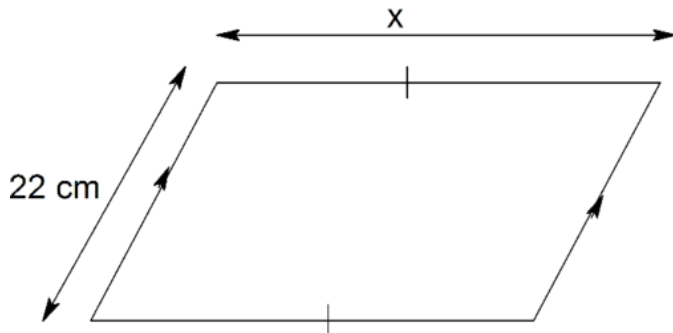


Figure- A

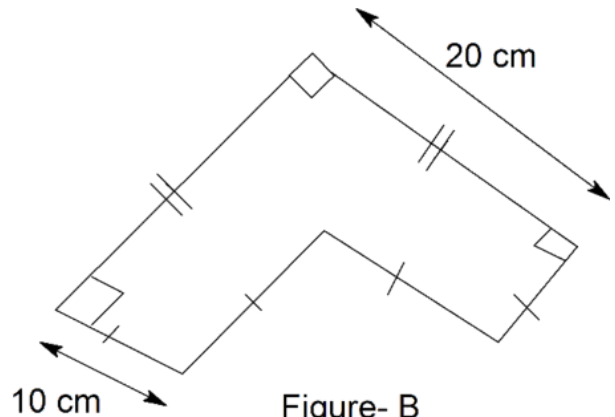


Figure- B

Image Perimeter

Find the length of X.

- (1) 18 cm
- (2) 44 cm
- (3) 22 cm
- (4) 80 cm

Question 16:

A novel contains 226 pages. Each page contains 21 lines and each line contains 37 words. How many words are there in the whole book?

- (1) 1,75,602
- (2) 1,74,602
- (3) 1,75,502
- (4) 1,74,402

Question 17:

$$2 \times 5 + 35 - 100/20 = ?$$

- (1) $\frac{5}{3}$
- (2) $\frac{13}{6}$
- (3) 20
- (4) 40

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Question 18:

The product of two fractions is 16. If one of the fractions is $3\frac{1}{7}$, find the other.

- (1) $\frac{56}{11}$
- (2) $\frac{11}{56}$
- (3) 8
- (4) 7

Question 19:

Find the missing fraction in the box.

$$1\frac{3}{4} + 2\frac{3}{8} = \boxed{?} + 2$$

Image Fraction Missing

- (1) 2
- (2) $4\frac{1}{8}$
- (3) $2\frac{1}{8}$
- (4) $2\frac{1}{4}$

Question 20:

Leela will be 53 years old in 2019. What was her age in 1998?

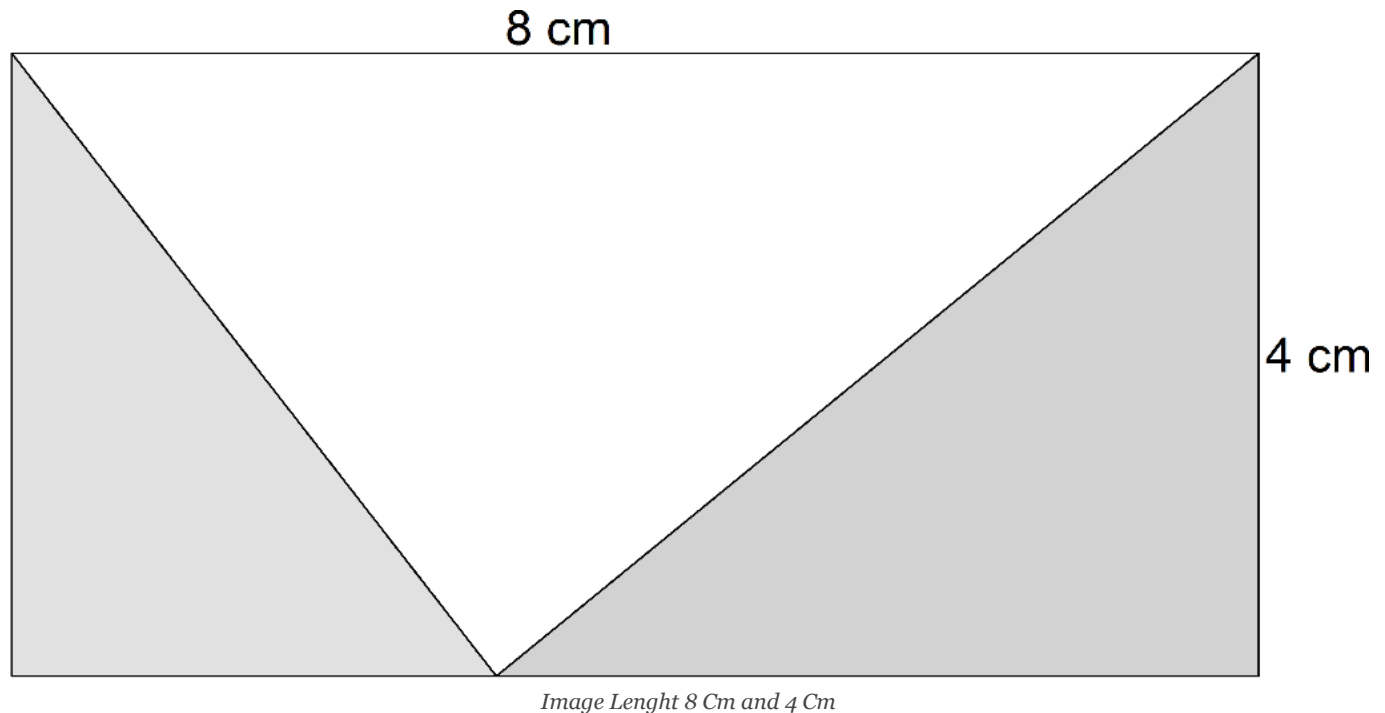
- (1) 32
- (2) 34
- (3) 72
- (4) 74

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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.

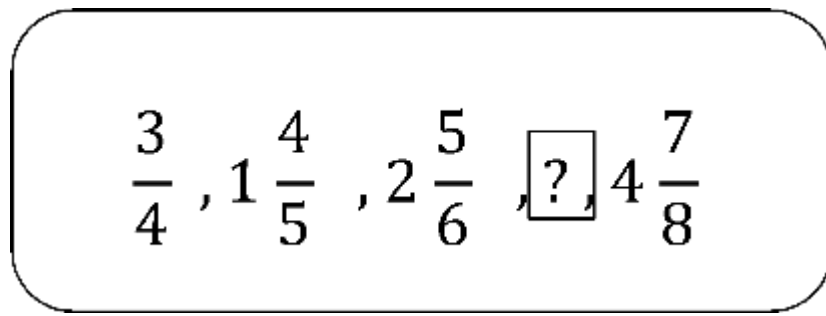


Image Pattern Fraction

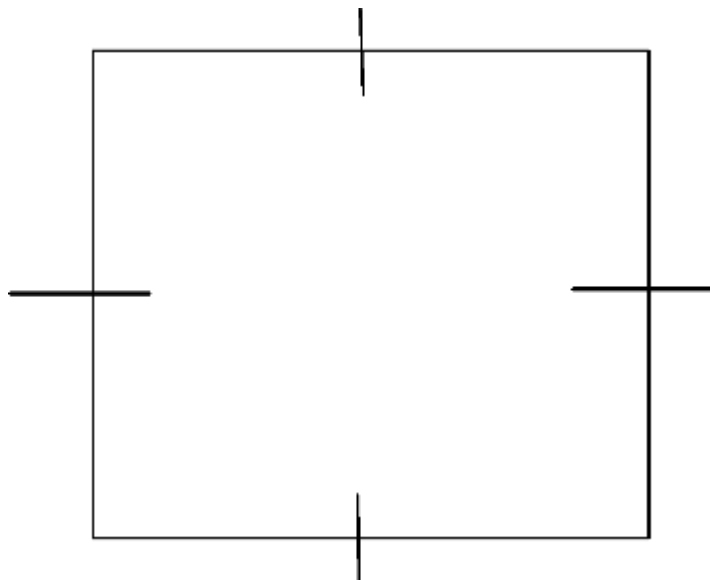
How is the missing fraction expressed as a mixed fraction?

- (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.

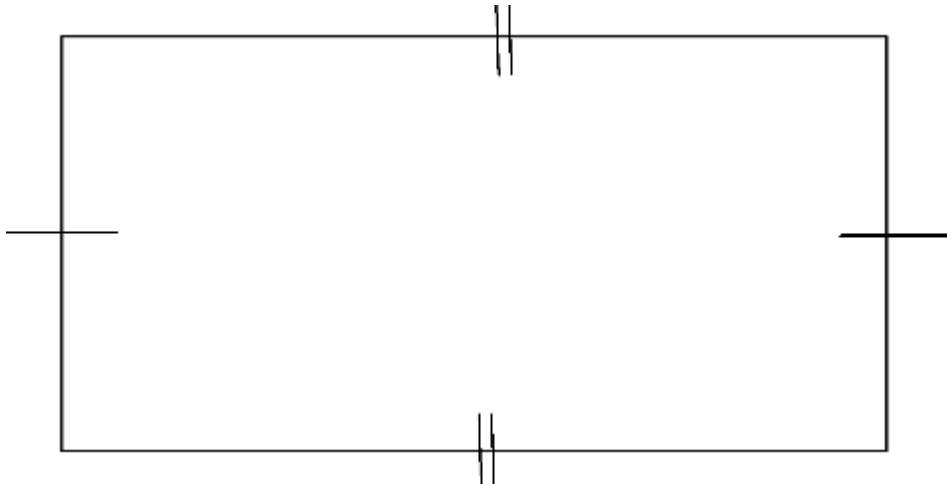
(1)



Paraller Line Choice A

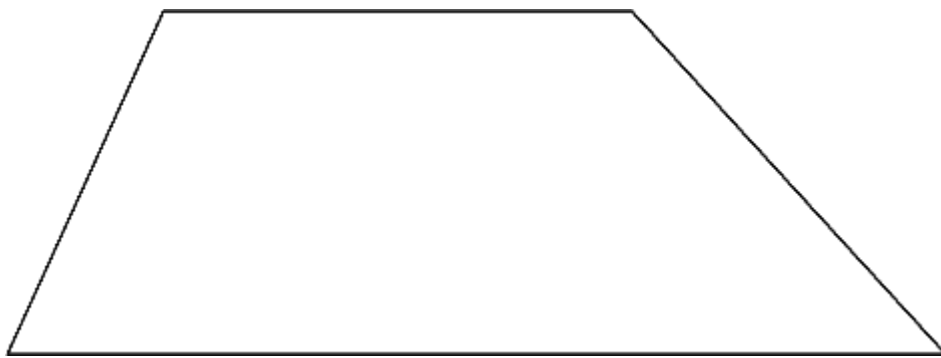
(2)

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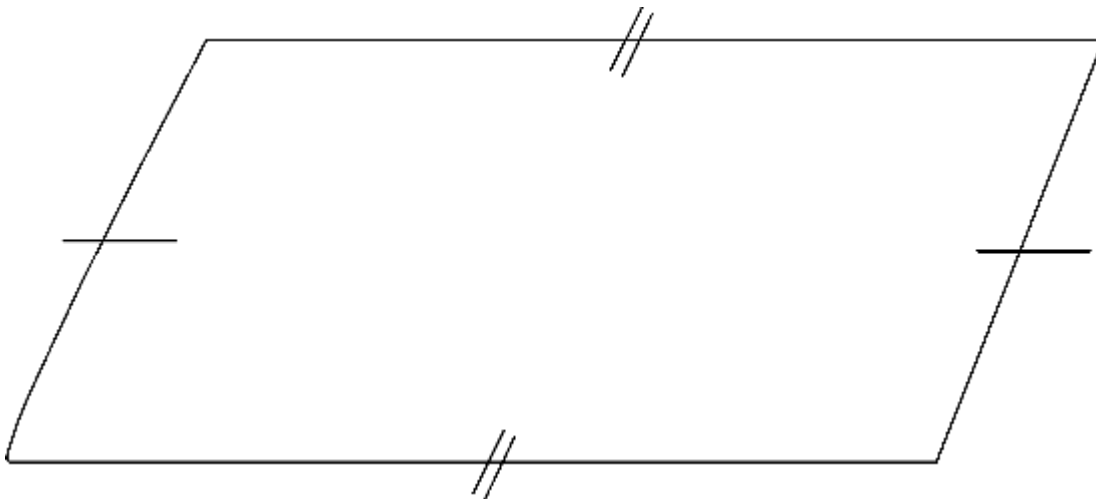
Paraller Line Choice B

(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:

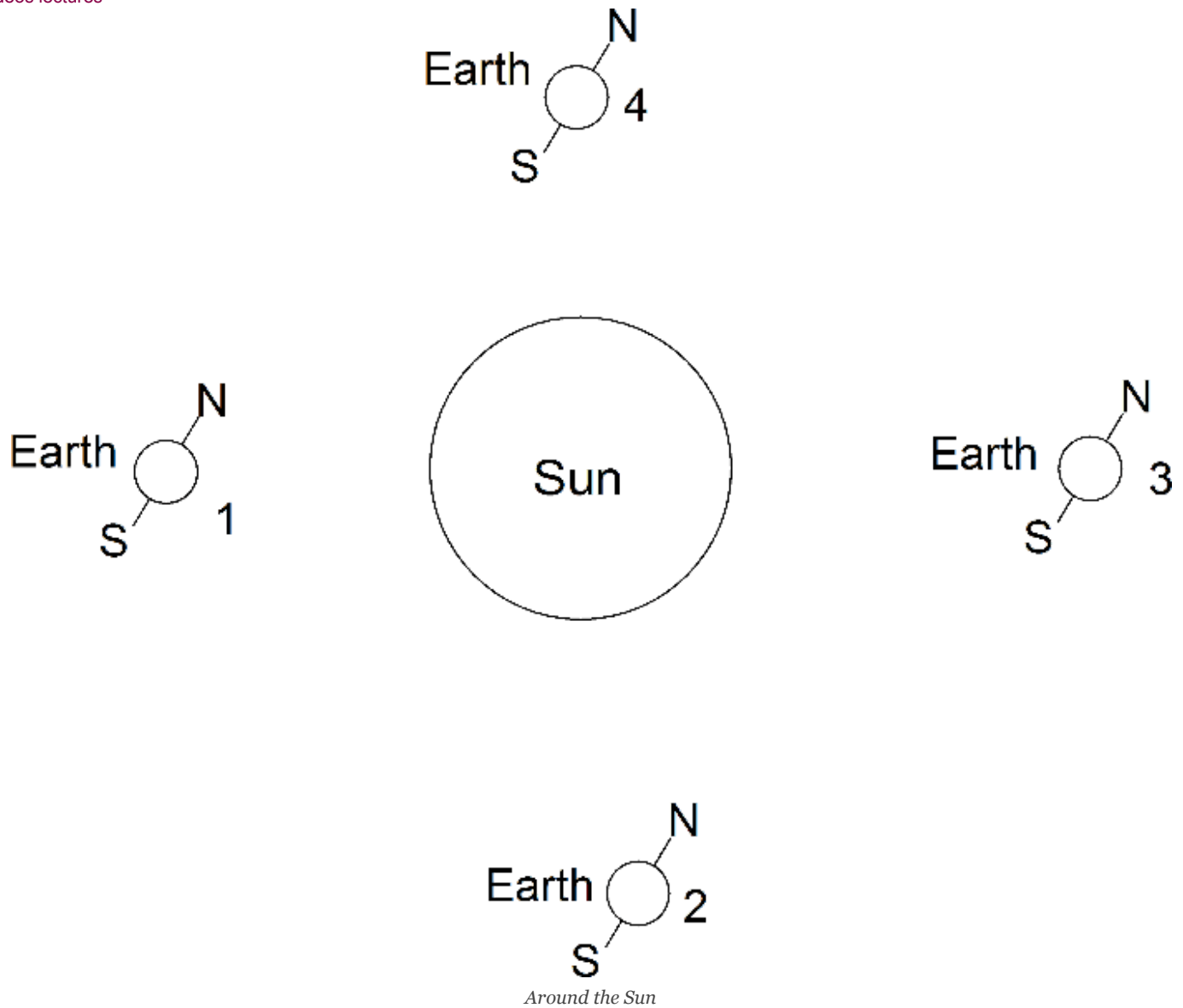
Which living things is an example of a carnivore?

- (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:

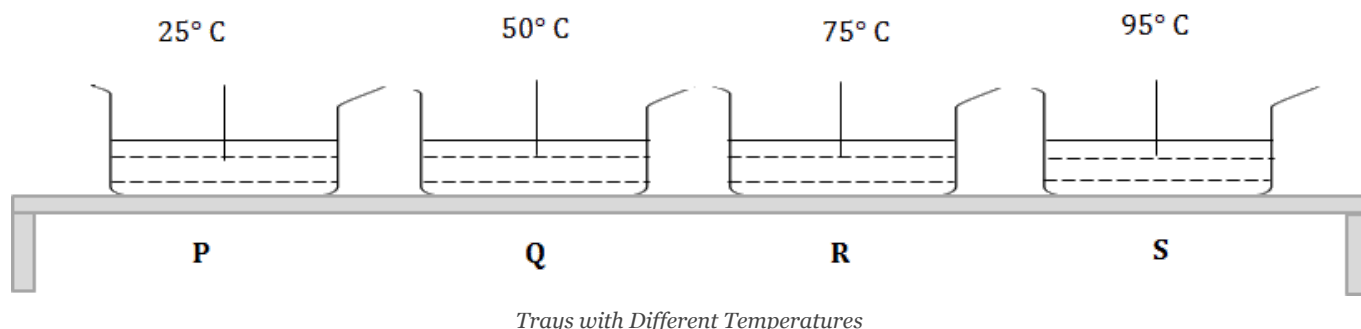
Photosynthesis is the process of

- (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?

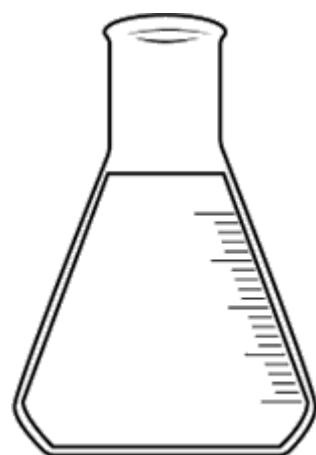


- (1) P
- (2) Q
- (3) R
- (4) S

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)

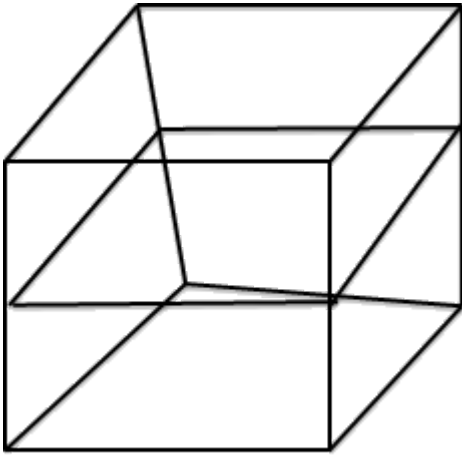


150 ml of water

Image 150 ml of Water

- (2)

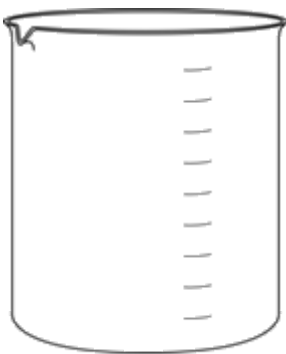
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150 ml of water

Image Shape of Water

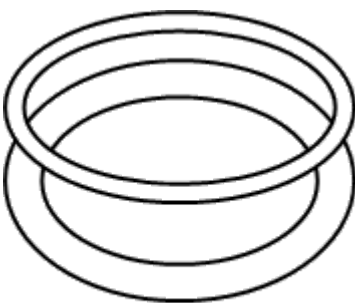
(3)



150 ml of water

Iamge Shape Image Water

(4)



150 ml of water

Image Shape of Image

Question 36:

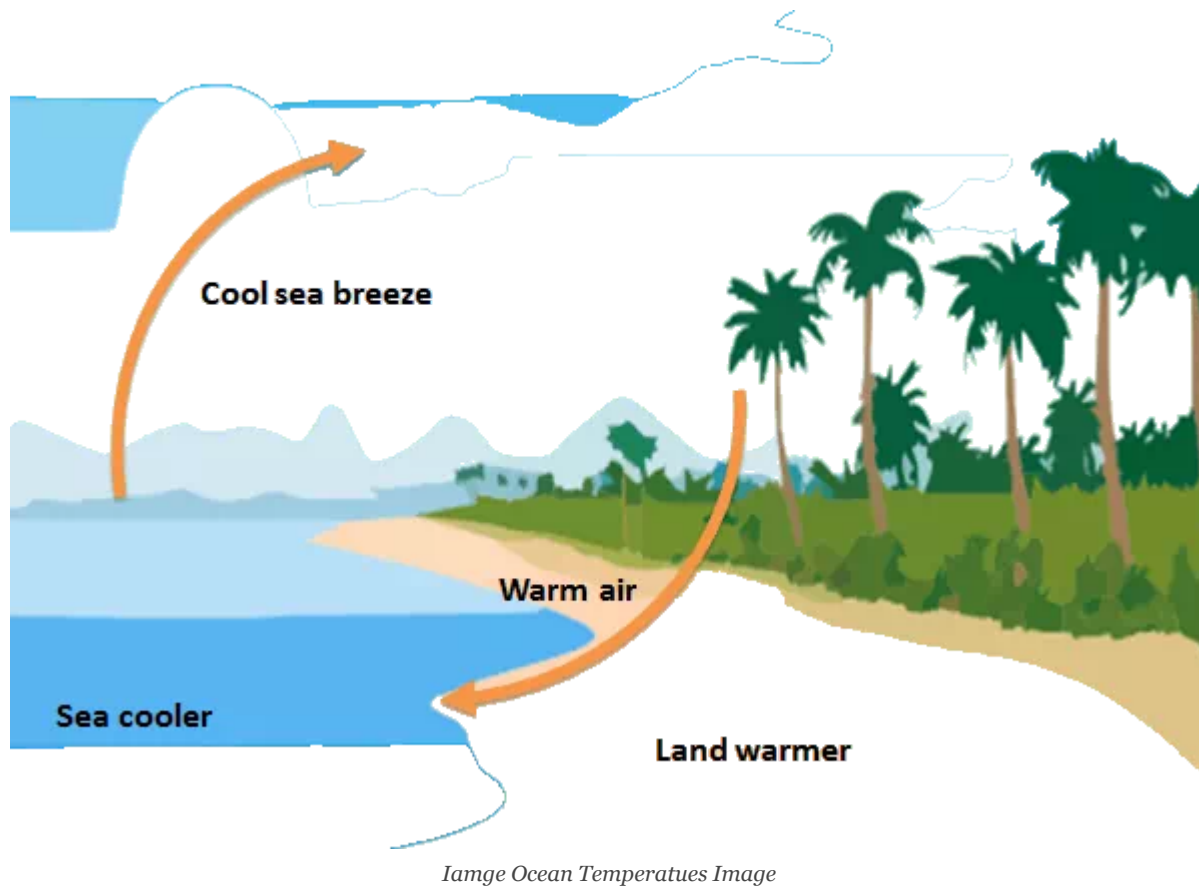
Identify synthetic fiber.

- (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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NSTSE Class 4 Question Paper 2018 Part 3

Question 41:

When water is cooled to 0°C , it _____.

- i) Changes from the liquid state to the solid state
- ii) Evaporates
- iii) Gain heat
- iv) Freezes

- (1) I and iv only
- (2) ii and iii only
- (3) I, ii and iv only
- (4) I, iii and iv only

Question 42:

Study the concept map of below.

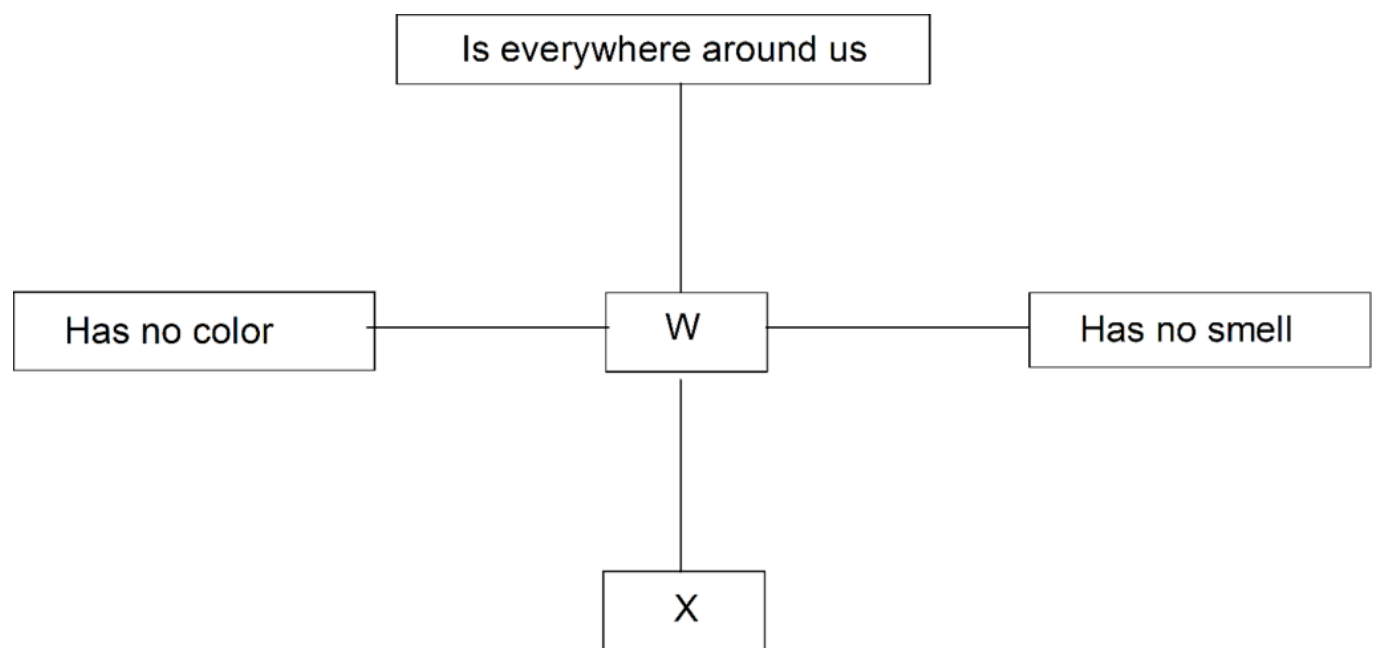


Image Staudy Concept Map

Which of the following can X be?

- i) Has mass

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- ii) Has no mass
- iii) Can be compressed
- iv) Cannot be compressed

- (1) i and iii only
- (2) i and iv only
- (3) ii and iv only
- (4) iii and iv only

Question 43:

A boy wants to eat an apple but has lost some incisors of his mouth. What will be his difficulty?

- (1) To cut into the apple
- (2) To ear away parts of the apple
- (3) To crush and grind the apple
- (4) To digest the apple

Question 44:

What is the relation between the following pairs of items?

Dog - Lungs	Rose plant - Stomata	Fish - Gills
-------------	----------------------	--------------

Image Relation Pairs

- (1) A living thing and its organs for gaseous exchange
- (2) A living thing and organs for pumping blood
- (3) A living thing and its reproductive organs
- (4) A living thing and its sense organs

Question 45:

The organ that holds solid waste materials before being removed from the body is the

- (1) Pancreas
- (2) Liver
- (3) Stomach
- (4) Large intestine

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Question 46:

The picture shows an exchange of gases between plants and animals. What gas is most likely represented by the arrow labelled X?

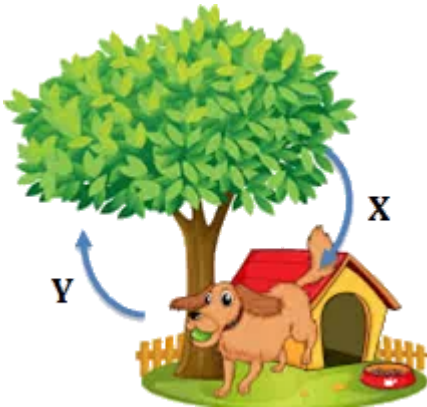


Image for Animals and Plants

- (1) Carbon dioxide
- (2) Hydrogen
- (3) Nitrogen
- (4) Oxygen

Question 47:

The diagram shows a green plant. Where will food made by leaf X be found after translocation?

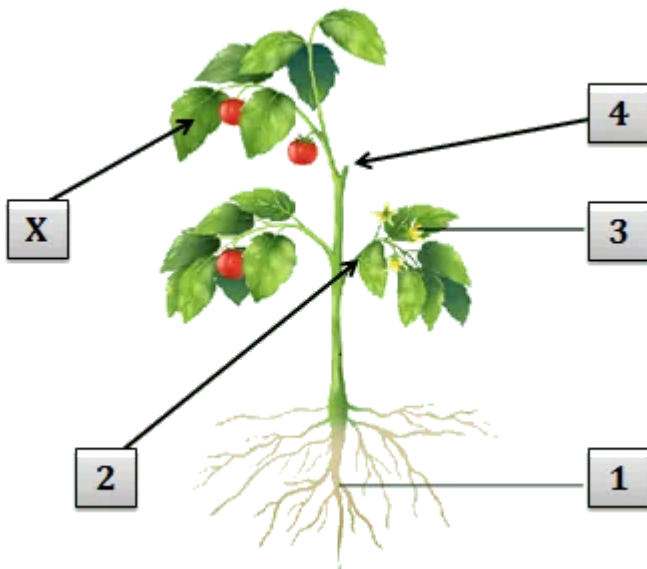


Image Green Plant

- (1) 1 only
- (2) 1 and 2 only
- (3) 1,2 and 3 only
- (4) 1,2,3 and 4

Question 48:

The given terms are related to

Blade , Vein , Stomata , Lamina

Image Item Name Terms

- (1) Flower
- (2) Fruit
- (3) Leaf
- (4) Root

Question 49:

A tooth decay results in bad breathe, cavities and toothache. It is due to the growth of

- (1) Viruses
- (2) Fungi
- (3) Protozoa
- (4) Bacteria

Question 50:

Which energy conversation takes place during photosynthesis?

- (1) Heat energy → Light energy
- (2) Light energy → Heat energy
- (3) Light energy → Chemical energy
- (4) Mechanical energy → Chemical energy

Question 51:

The house lizard is most likely to drop its tail when it

- (1) Way to lay eggs
- (2) Is about to die
- (3) Hatches from an egg
- (4) Is trying to escape

Question 52:

The coconut fall on the ground is due to

- (1) Muscular force
- (2) Balanced force
- (3) Gravitational force
- (4) Frictional force

Question 53:

What is the life cycle?

- (1) It tells how a living thing obtained its food
- (2) It tells how a living thing move
- (3) It tells the different stages of a living things life
- (4) It tells how animal become extinct

Question 54:

Which of these is made from a plant source?

- (1) Milk
- (2) Ghee
- (3) Curd
- (4) Bread

Question 55:

Which one of the following processes replenishes oxygen in the air?

- (1) Respiration
- (2) Transpiration
- (3) Photosynthesis
- (4) Precipitation

Critical Thinking

Question 56:

Three friends Surya, Karan, Krishna are taking a photo standing in a row. In how many different ways they can stand?

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(1) 8

(2) 6

(3) 7

(4) 9

Question 57:

Starting with the least, arrange these parts of a normal human body according to their number in increase order.

(1) Hair, Neck, Ears, Nails

(2) Nails, Ears, Neck, Hair

(3) Neck, Ears, Nails, Hair

(4) Nails, Neck, Hair, Ears

Question 58:

Which of the given figures can be drawn without lifting the pen or retracing the line?

(1)

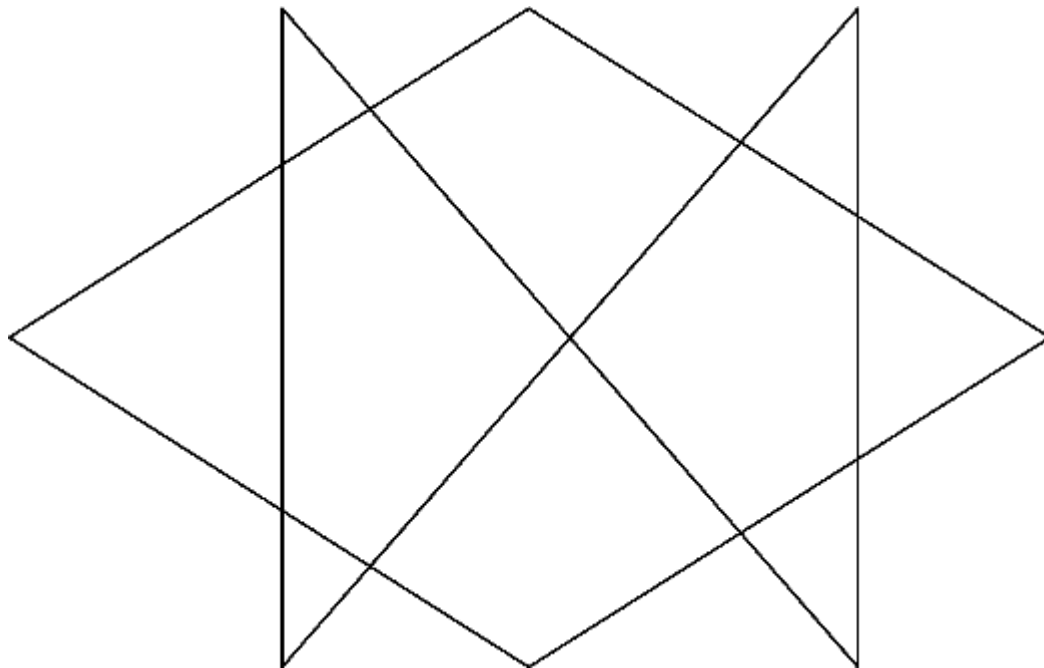


Image Figures Line Choice 1

(2)

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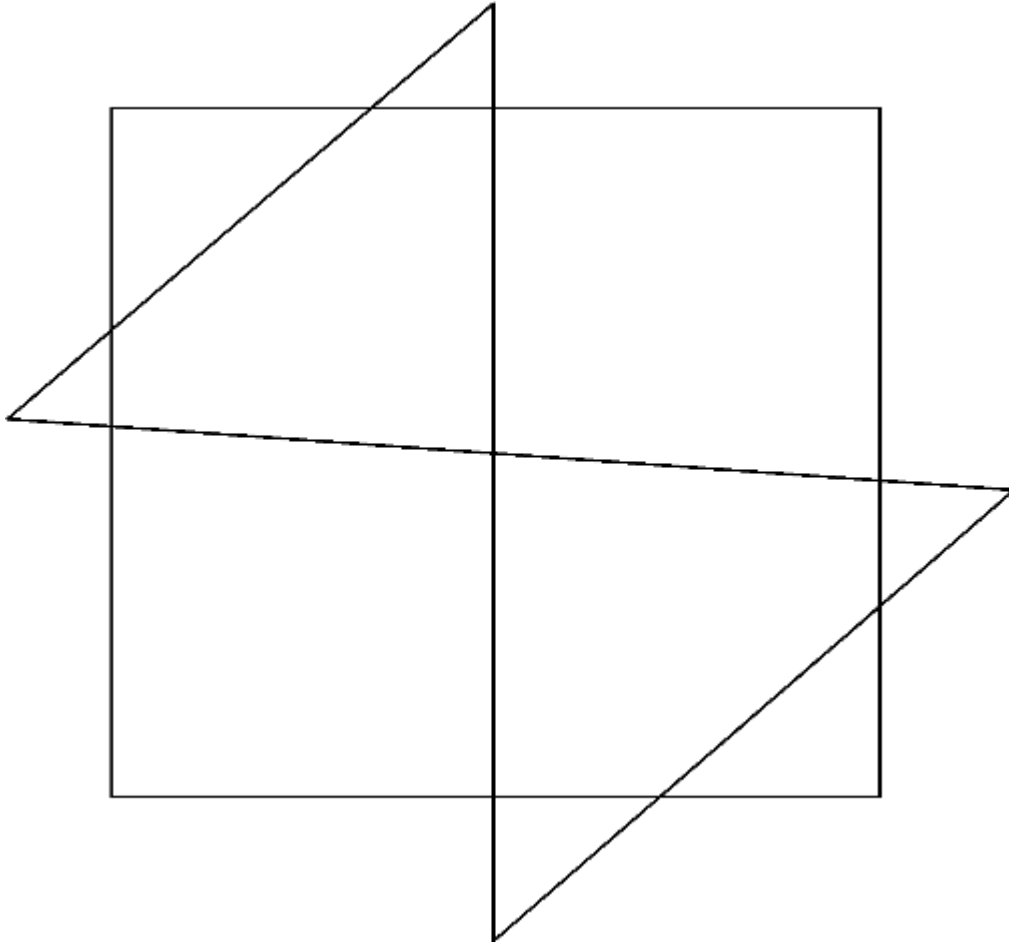


Image Figures Line Choice 2

(3)

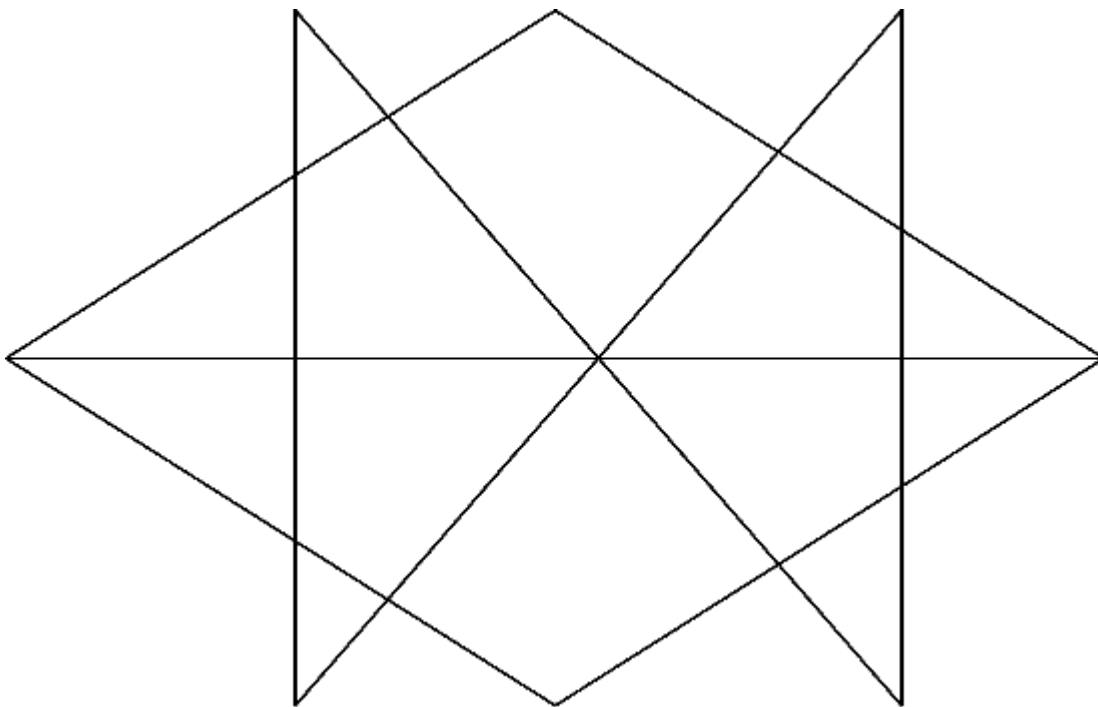


Image Figures Line Choice 3

(4)

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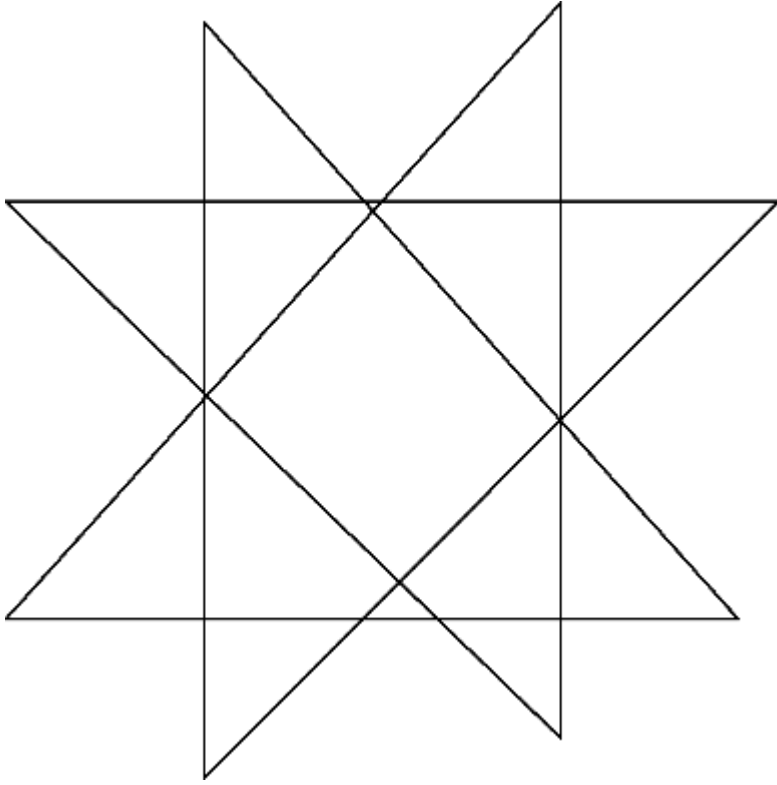


Image Figures Line Choice 4

Question 59:

1st January 2018 was Monday, then which day is the Indian independence day of the year 2019?

- (1) Saturday
- (2) Wednesday
- (3) Thursday
- (4) Friday

Question 60:

How many bananas replaces question mark?

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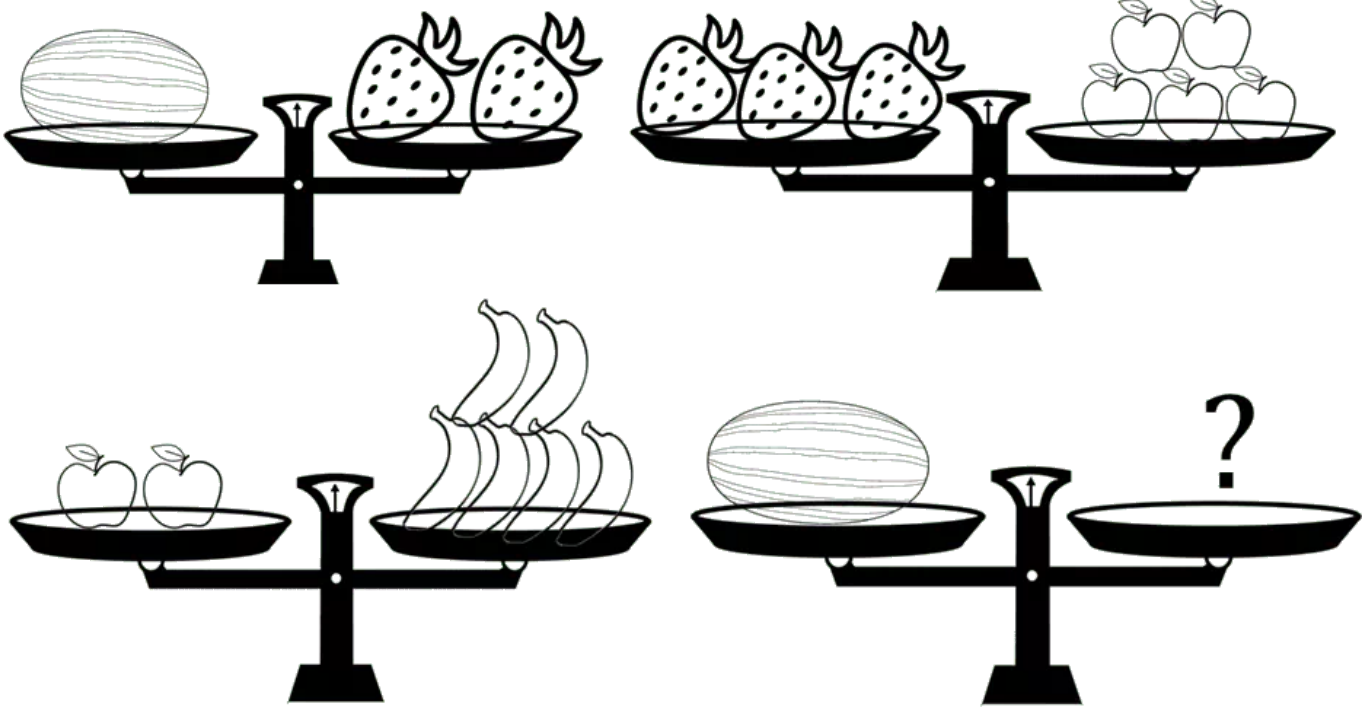


Image Bananas Mark

- (1) 30
- (2) 10
- (3) 6
- (4) 8

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