UPPSC - AE BOOSTER

FEE RS. 1498/-

2 Batch Starts From MARCH 2020

Included Subjects :-

- PRESTRESSED CONCRETE
- AIRPORT ENGINEERING
- FOUNDATION ENGINEERING
- STRUCTURAL ANALYSIS
- PERT CPM
- SUBSURFACE EXPLORATION [SOIL MECHANICS]

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Q. If D = 4, COVER = 63, then BASIS = ?

(1) 55

(2) 50

(3) 49

(4) 54

Q. If the letters in PRABA are coded as 27595 and THILAK are coded as 368451, how can BHARATI be coded ?

(1) 9657538

(2) 9567538

(3) 9675538

(4) 9567568

Q. Average marks obtained by 9 students in one row of a class is 45. One student with 35 marks exchanges his seat with a student securing 48 marks. What is the average marks of these 9 students of this row?

(1) 56.4

(2) 46.4

(3) 47.6

(4) 45.6

Q. The average age of a cricket team is 27 years. Two players with 24 and 27 years of age are replaced by new players of 23 and 28 years of age. What is the average age of the term now?

(1) 27 years

(2) 26 years

(3) 24 years

(4) 28 years

Q. The age of X is $\frac{2}{3}^{rd}$ that of Y. After 6 years X will be 46 years old. The present age of Y is

(1) 40 years

(2) 56 years

(3) 60 years

(4) 100 years

Q. The age of Shyam is $\frac{1}{3}^{rd}$ that of his mother. He is 2 years older then his sister. The age of his sister be 8 years, What is the age of his mother?

(1) 25 years
(2) 60 years
(3) 48 years
(4) 30 years

Q. Rau is 48 years old. Robin is 6 years Junior to ramu and 14 years senior to rohit. Ramu has two childer- Neethu and Vinu. Youngest sister of Rohit is Krishna and she is 15 years junior to him. So what is the age of Krishna?

(1) 13
(2) 15
(3) 14
(4) 12

Q. Which will appear fourth in the dictionary?

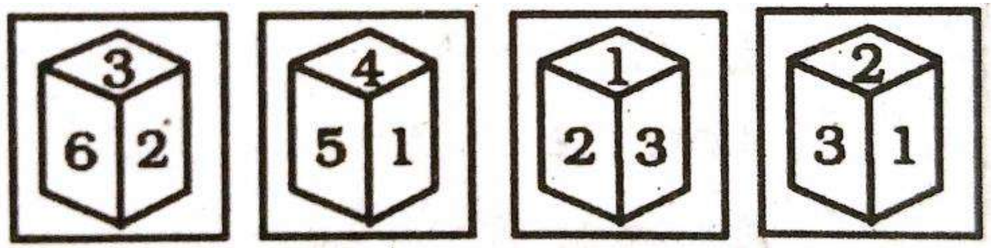
(1) Minority

(2) Mistake

(3) Mission

(4) Miracle

Q. Four positions of a dice are given in the question figures. Identify the number at the bottom when top's is 6.



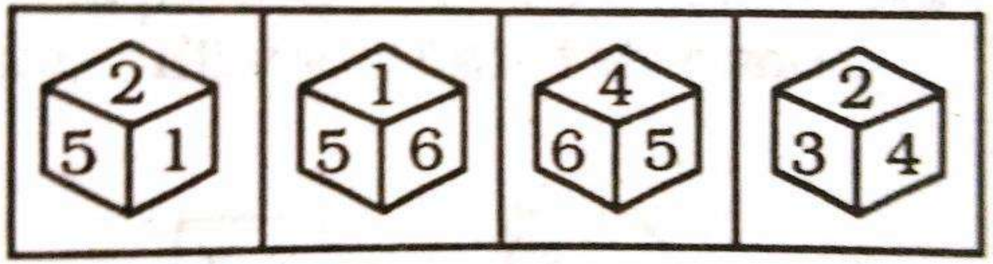
(1) 5

(2) 1

(3) 3

(4) 4

Q. Observe the faces of the dice and then answer the question.



Which number is on the face opposite to 4?

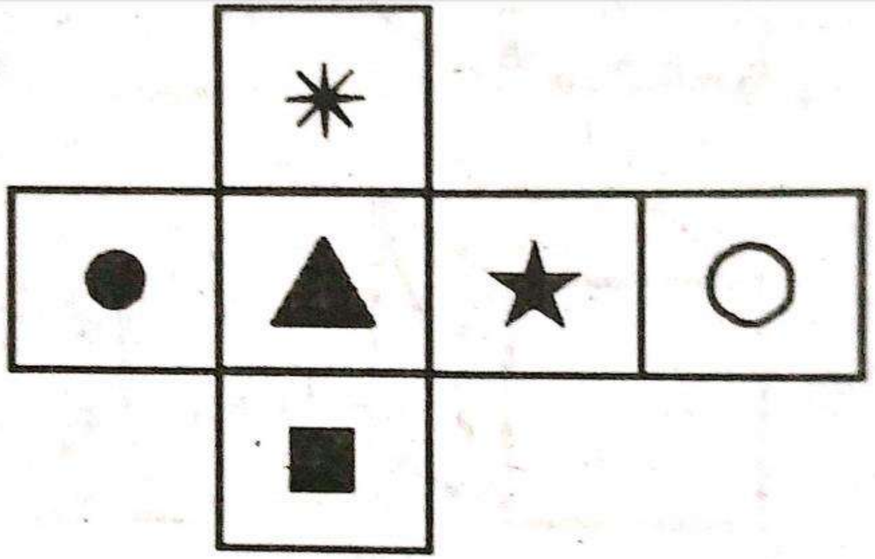
(1) 1

(2) 2

(3) 3

(4) 5

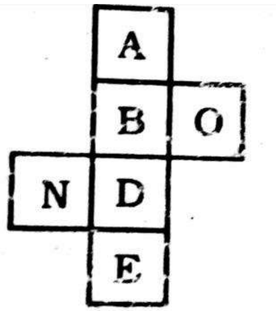
Q. The following figure is folded to form a block. Which symbol will appear on the opposite of ▲?



(1) ●
(2) ★
(3) ○
(4) ■

Q. From the given options, Which figure can be formed by folding the figure given in the questions?

Question figure:

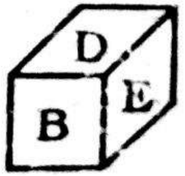


Answer Figures:

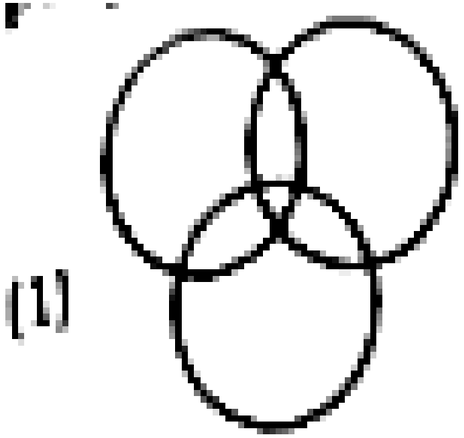
(1)

(2)

(3)

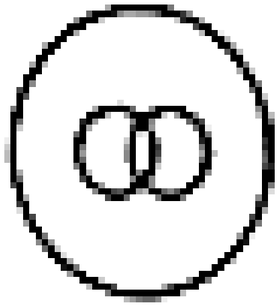
(4)


Q. Which one of the following diagrams best depicts the relationship among Black eyed people, Brown haired people, Indian

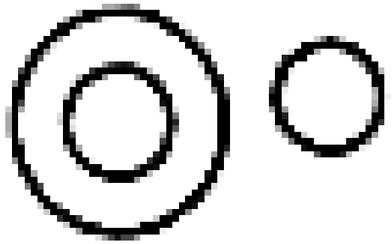
(1) 

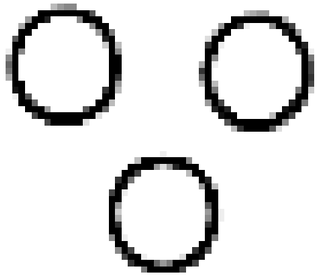
(2)

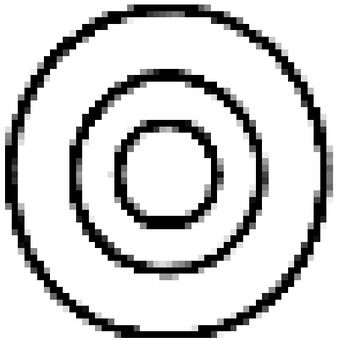
(3)

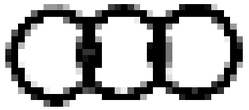
(4) 

Q. Which one of the following diagrams best depicts the relationship among Earth, Sea, Sun ?

(1) 

(2) 

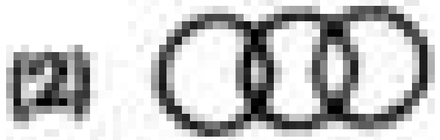
(3) 

(4) 

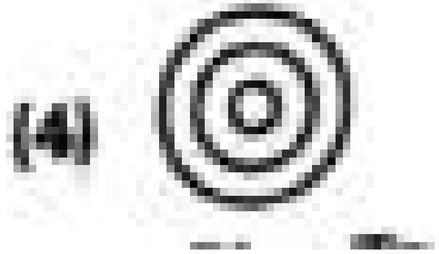
Q. Identify the diagram that best represents the relationship among classes given below:

Parents, Mothers, Fathers

(1)

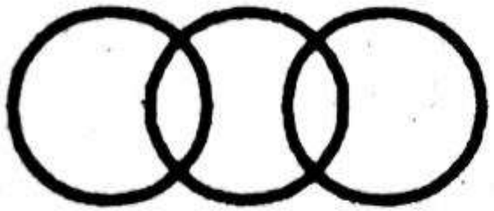
(2) 

(3)

(4) 

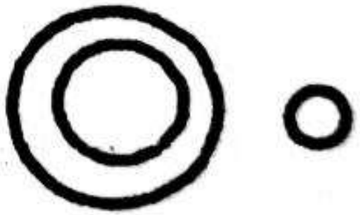
Q. Identify the diagram that best represents the relationship among classes given below:

Food, Curd, Spoons

(1) 

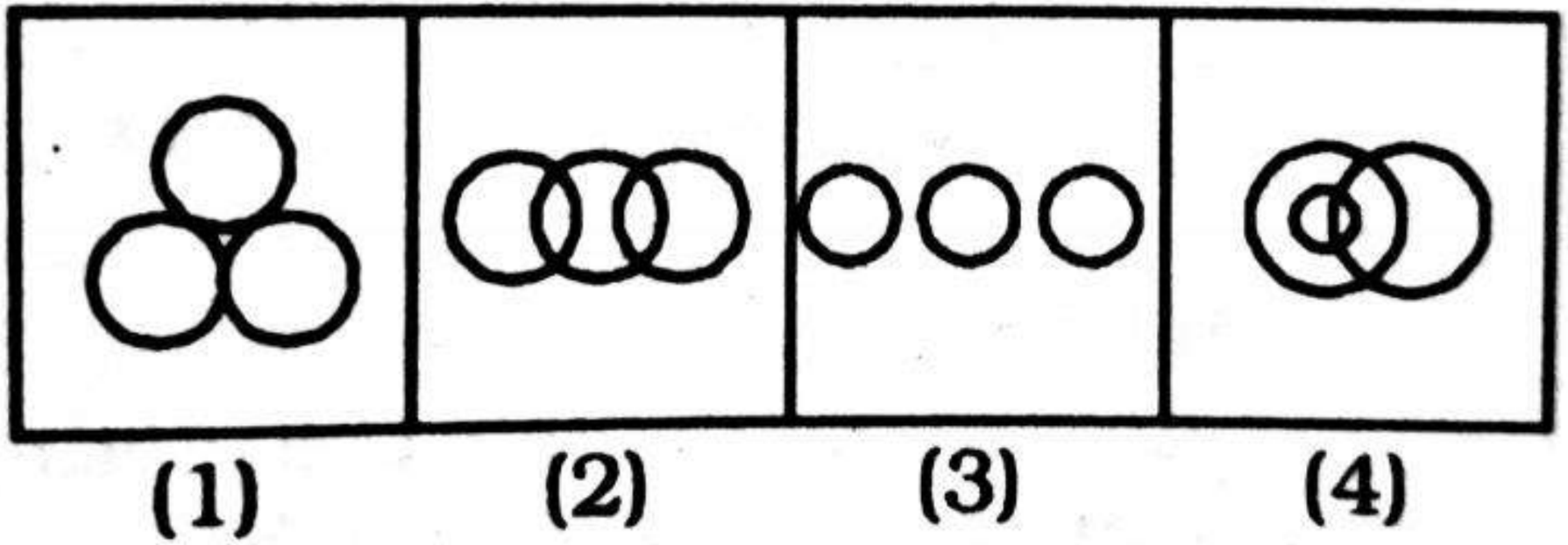
(2)

(3)

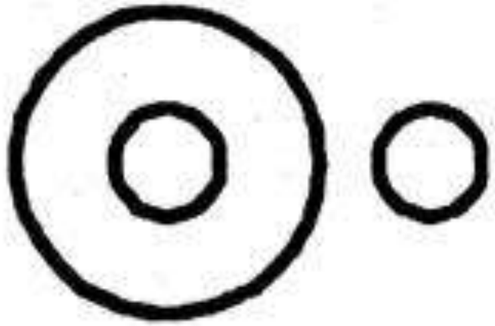
(4) 

Q. Identify the diagram that best represents the relationship among classes given below:

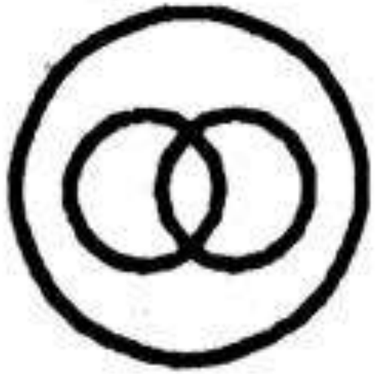
Females, Sisters, Teachers

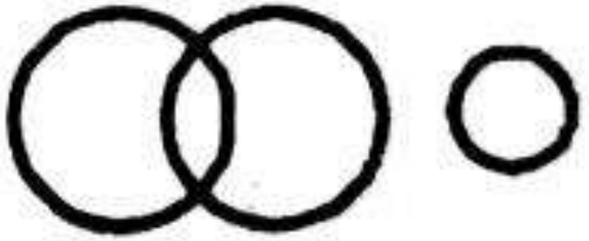


Q. Fruits, Apples, Oranges

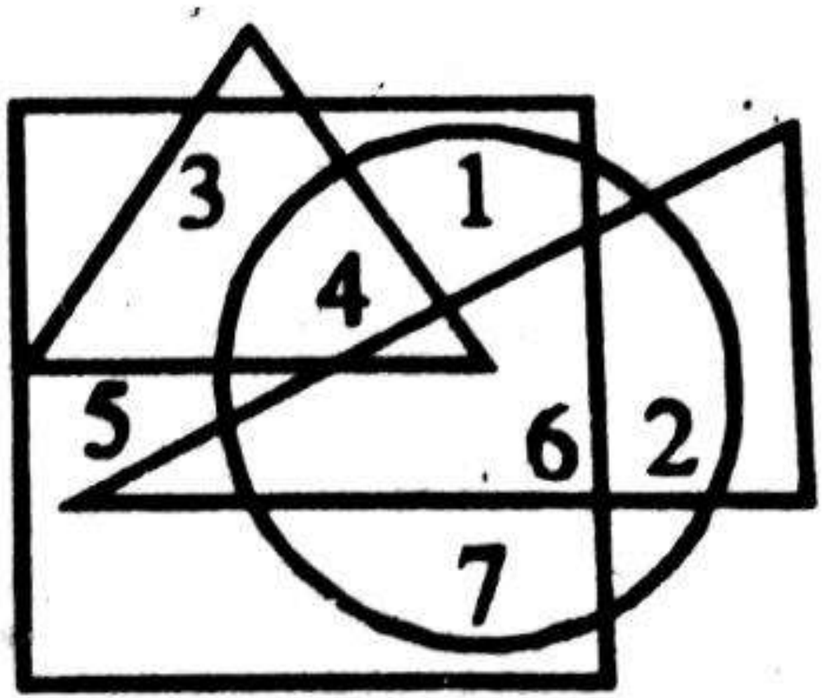
(1) 

(2)

(3) 

(4) 

Q. Which number is present only in one figure?



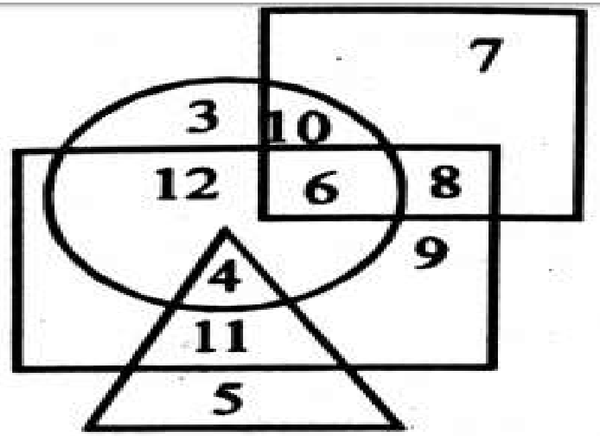
(1) 1

(2) 3

(3) 5

(4) 7

Q. Who are educated males but who do not live in urban area?



Urban people

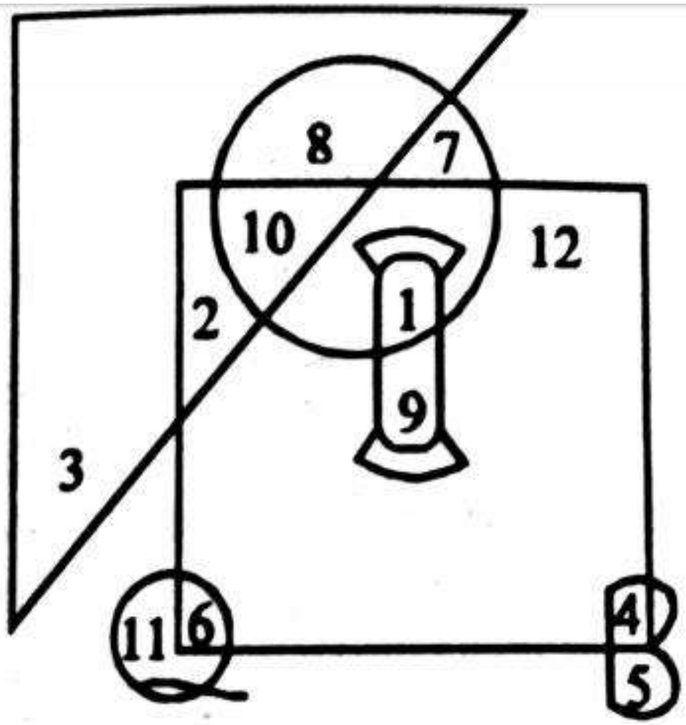
Civil Staff

Male

Educated

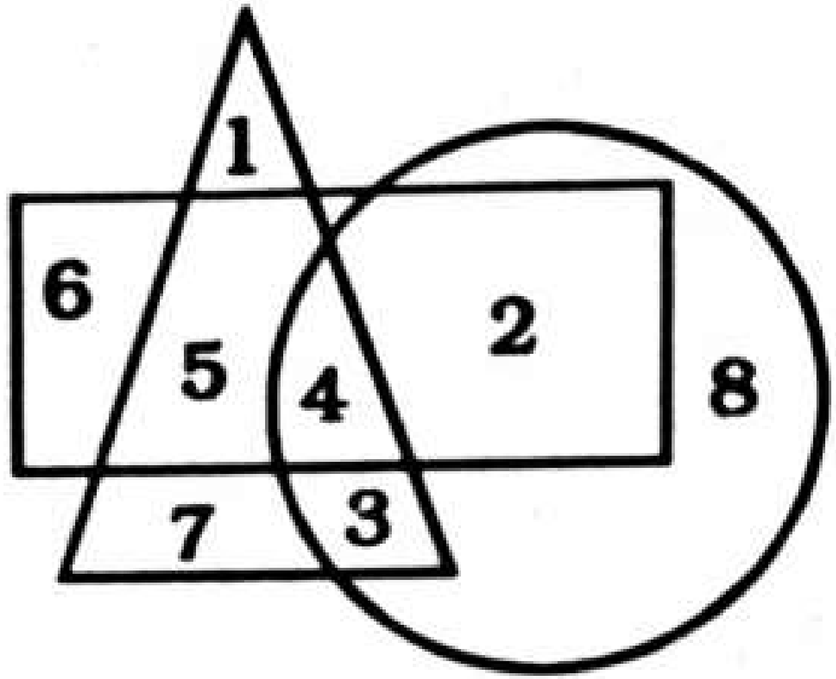
(1) 4
(2) 11
(3) 5
(4) 9

Q. Which of the following numbers is inside the circle but outside triangle and square?

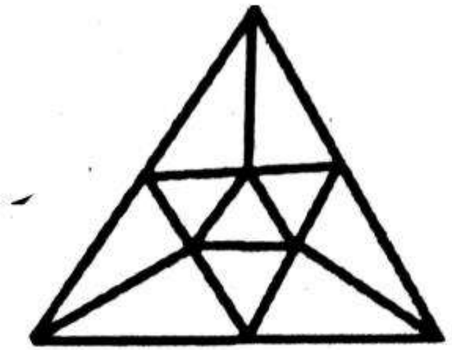


(1) 1
(2) 8
(3) 7
(4) 10

Q. Which number is in all the geometrical figures?



(1) 8
(2) 3
(3) 4
(4) 5



Q. How many triangles are there in the following figure?

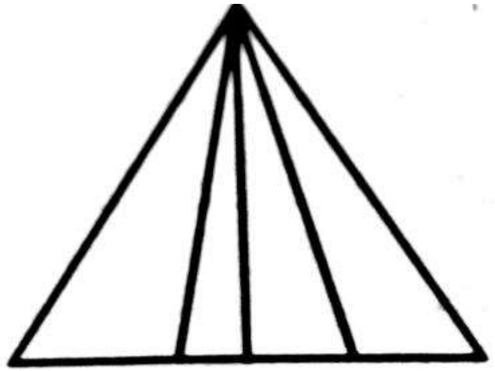
(1) 26

(2) 24

(3) 18

(4) 20

Q. How many triangles are there in the given figure?



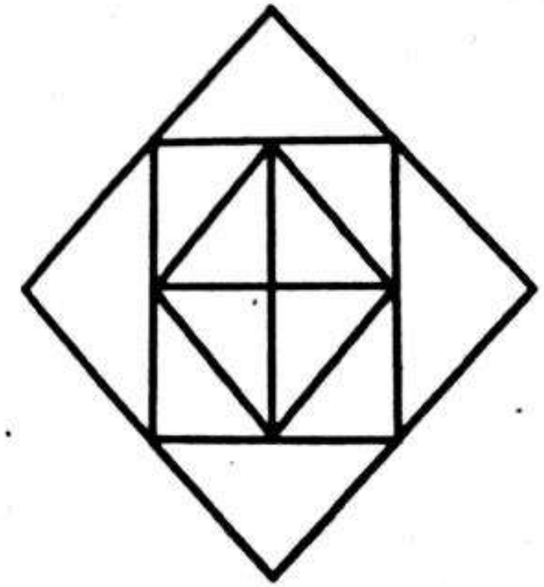
(1) 5

(2) 12

(3) 9

(4) 10

Q. How many squares are there in this figure?



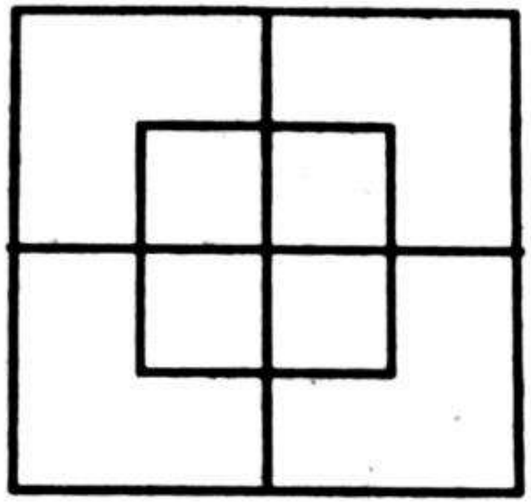
(1) 4

(2) 5

(3) 6

(4) 8

Q. How many rectangles are there in the given figure?



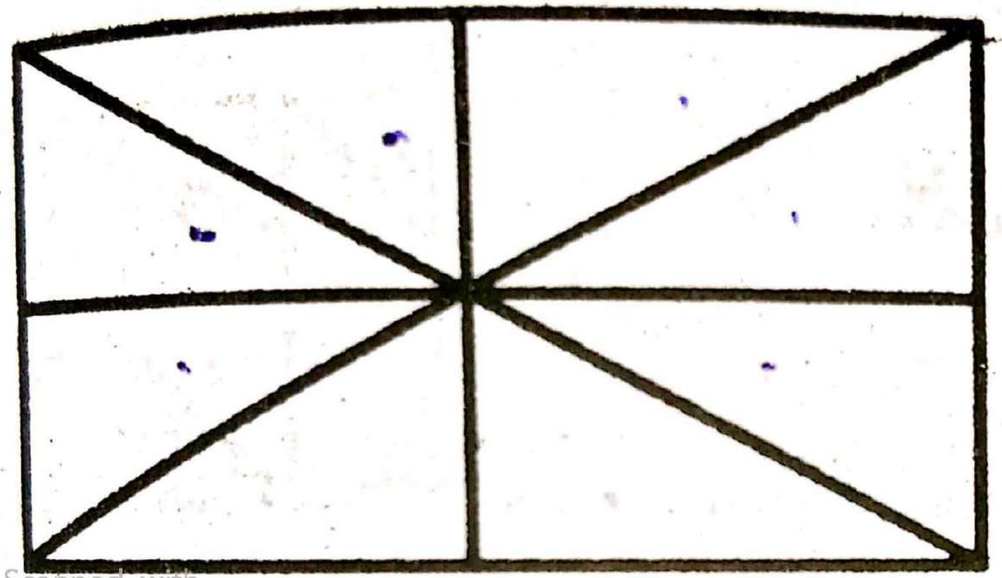
(1) 6

(2) 4

(3) 8

(4) 10

Q. How many triangles are there in the given figure?



Scanned with

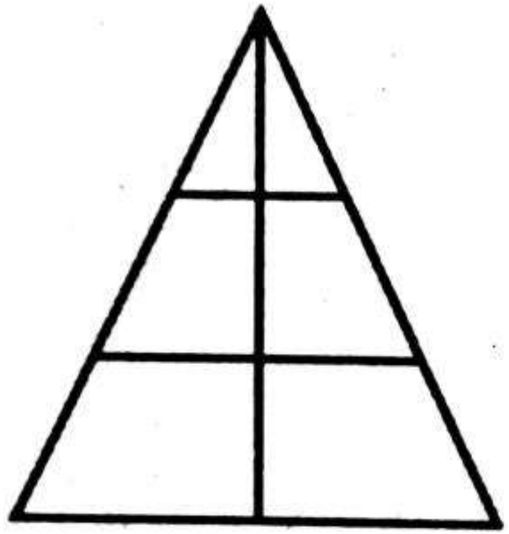
(1) 12

(2) 8

(3) 16

(4) 10

Q. How many triangles are there in the given figure?



(1) 4

(2) 6

(3) 7

(4) 9

Directions: In each of the following questions, select the related word from the given alternatives.

Q. Novelty : Oldness : : Newness : ?

(1) Model

(2) Antiquity

(3) Discovery

(4) Culture

Q. Detective : Informer : : Reporter : ?

(1) Source

(2) Editorial

(3) News

(4) Essay

Q. Genuine : Authentic : : Mirage : ?

(1) Illusion

(2) Image

(3) Hideout

(4) Reflection

Q. Thunder : Rain : : ? : Night

(1) Day

(2) Dusk

(3) Dark

(4) Evening

Q. Botany : Plants : : Entomology : ?

(1) Birds

(2) Plants

(3) Insects

(4) Snakes

Q. Parliament : Great Britain : Congress : ?

(1) Japan

(2) India

(3) USA

(4) Netherlands

Q. Flow : River : : Stagnant : ?

(1) Pool

(2) Rain

(3) Stream

(4) Canal

Q. Psychology : Mind : : Ornithology : ?

(1) Sanskrit

(2) Coin

(3) Mammal

(4) Bird

Directions: In each of the following questions, select the related letter from the given alternatives.

TALE : LATE : : ? : CAFÉ

(1) FACE
(2) CAEF
(3) CEFA
(4) FEAC

A D H M : Z W S N : C F J O : ?

(1) YVRM

(2) WTPK

(3) XWTP

(4) ZXVT

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