



Question: 1 of 50

QID: 21281

Marks: 1

Six people P, Q, R, S, T and U are sitting on the ground in a hexagonal shape. All the sides of the hexagon, so formed, are of same length. P is not adjacent to Q or R; S is not adjacent to R or T; Q and R are adjacent; U is in the middle of S and R. Who is at the same distance from S as T is from S?

- A. Q
- B. R
- C. U
- D. Can't be determined

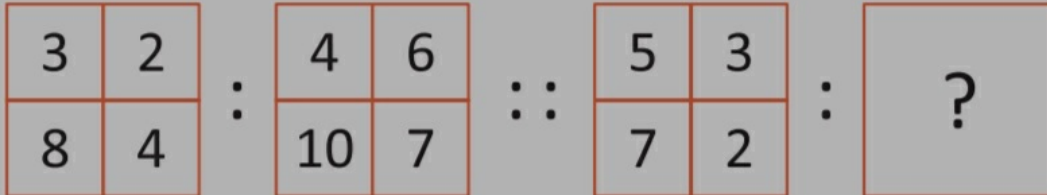
Question: 2 of 50

QID: 21238

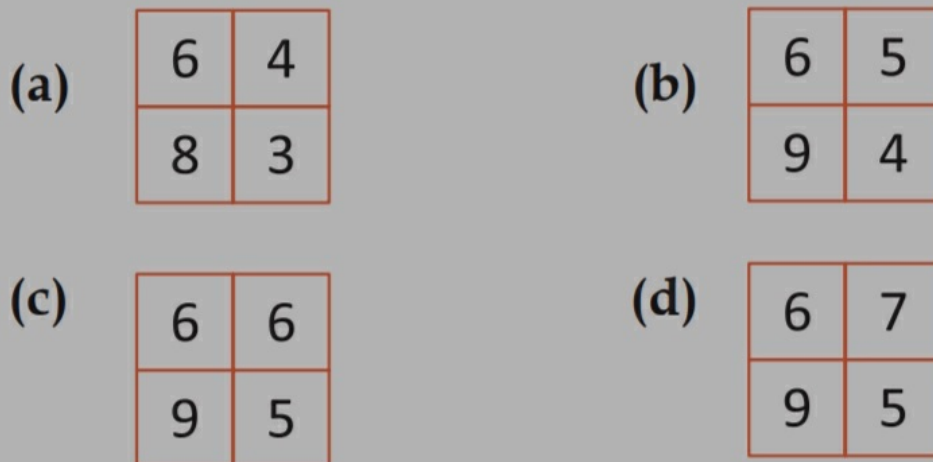
Marks: 1

There is a certain relationship between the pair of figures on the either side of ::, identify the relationship and select the answer figure which will replace the '?'

### Problem figures



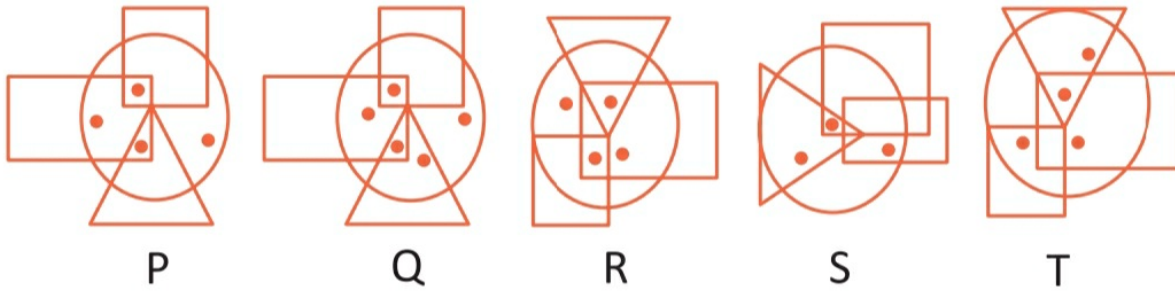
### Answers figures



- A. a
- B. b
- C. c
- D. d



Select a pair of figures which satisfies the same conditions of placement of dots



- A. PR
- B. QS
- C. PS
- D. QT

A girl introduces a boy as the son of the brother of her mother. How is the boy related to the girl?

- A. Nephew
- B. Cousin
- C. Father
- D. Uncle

Select the related numbers from the given alternatives. 2,3,5,8 : 4,5,7,10 :: ? : 5,6,8,11

- A. 3,5,7,9
- B. 3,4,7,11
- C. 3,4,6,9
- D. 3,4,6,8

If  $A + B$  means A is the brother of B;  $A - B$  means A is the sister of B and  $A \times B$  means A is the father of B. Which of the following means that C is the son of D?

- A.  $D - E \times C + F$
- B.  $F - C + E \times D$
- C.  $D \times E - C + F$
- D.  $E + D - F \times C$

Select a figure from the options which is exactly embedded in Fig. (X) as one of its parts.



**Fig. (X)**



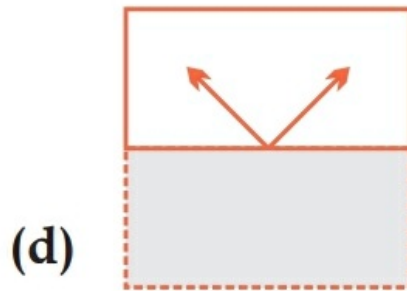
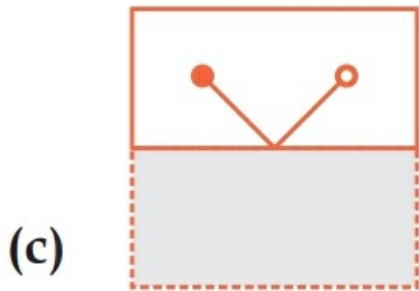
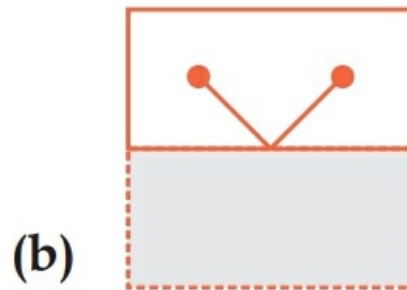
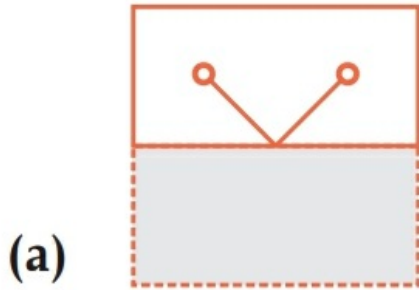
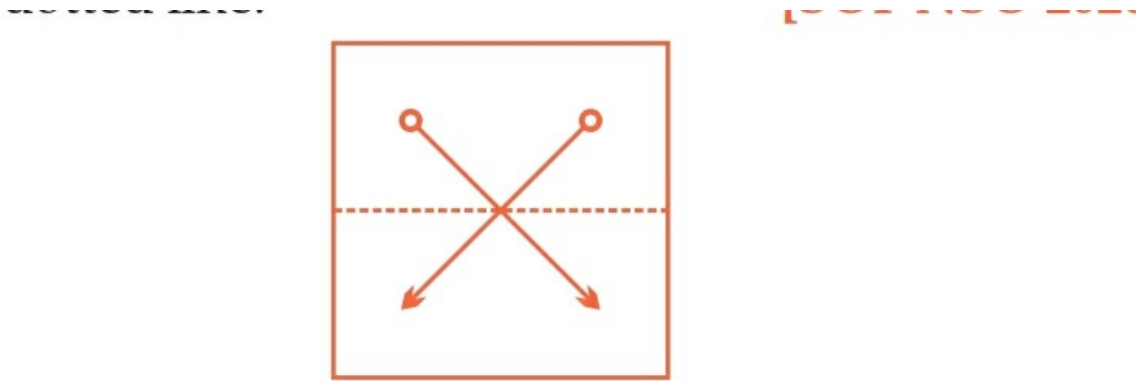
**A.** a

**B.** b

**C.** c

**D.** d

A square transparent sheet with a pattern and a dotted line on it is shown here. Select a figure from the options as to how the pattern would appear when the transparent sheet is folded along the dotted line.



- A. a  
 C. c

- B. b  
 D. d

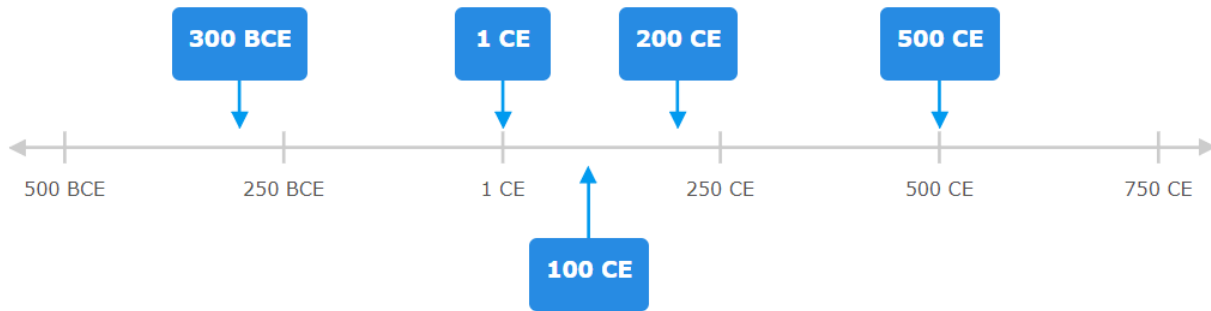
Timelines are used to show when events happened. Timelines go from left to right. Events on the left happened earlier than events on the right.

On some timelines, dates are divided into two categories based on their relation to the year 1 CE.

Dates that occurred before 1 CE are labeled BCE, or Before the Common Era. BCE dates count backward from 1 CE, so larger BCE dates happened longer ago.

Dates that occurred in 1 CE or later are labeled CE, or Common Era. CE dates count forward from 1 CE, so larger CE dates happened more recently.

Look at the following timeline. Then complete the sentence below.



Use the timeline to complete the following sentence.

The year \_\_\_\_\_ was before 100 CE

- A. 300 BCE
- B. 500 CE
- C. 200 CE
- D. 700 BCE

P is the sister of Q, Q is the brother of R, S is the daughter of R and T is the brother of S. How is P related to T

- A. Mother
- B. Aunt
- C. Nephew
- D. Daughter-in-law

Select a figure from the options which will complete the pattern in the given figure.



(a)



(b)



(c)



(d)


 A. a

 B. b

 C. c

 D. d

## Question: 15 of 50

QID: 21254

Marks: 1

If signs '+' and '-' and numbers 4 and 8 interchange between each other, then which one of the following four equations would be correct?

 A.  $8 \div 4 - 12 = 24$ 
 B.  $4 - 8 + 12 = 0$ 
 C.  $8 - 4 \div 12 = 8$ 
 D.  $4 \div 8 - 12 = 16$ 

## Question: 16 of 50

QID: 21243

Marks: 1

If SPACE is written as 75438 in a code language, then what should be the code for CAPES.

 A. 34587

 B. 45387

 C. 54387

 D. 73458

In first row, a series is given which follows a specific pattern. The second row has a series, similar to the first series but only first element of this series is given. Identify the pattern and answer the question that follows. What will come in place of E?

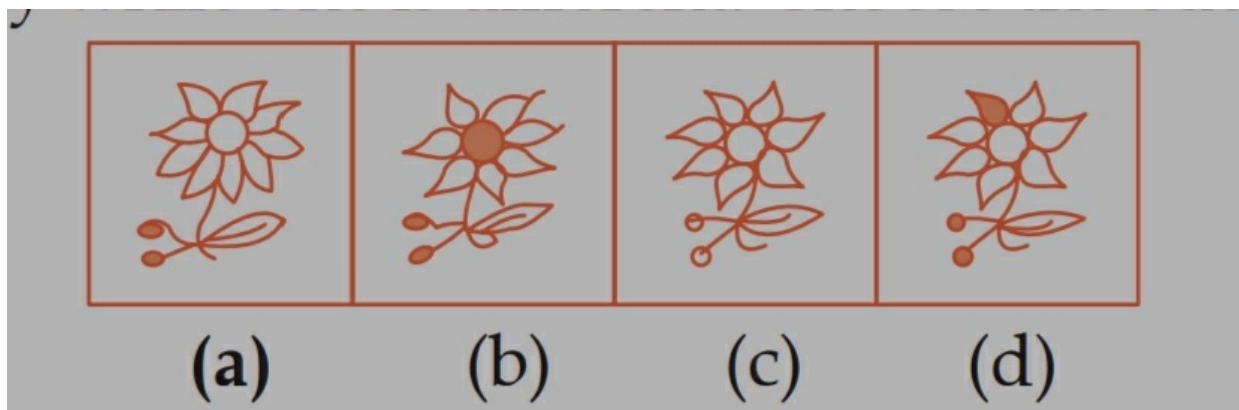
6	18	36	108	216	648
2	A	B	C	D	E

- A. 482                       B. 344  
 C. 216                       D. 420

If 'P + Q' means 'P is father of Q', 'P × Q' means 'P is brother of Q', 'P – Q' means 'P is mother of Q' then which of the following is definitely true about "C – A + B"?

- A. C is mother of B                       B. B is father of A  
 C. A is son of C                       D. B is son of A

In the following question three are similar in some way while one is different. Choose the odd one out.

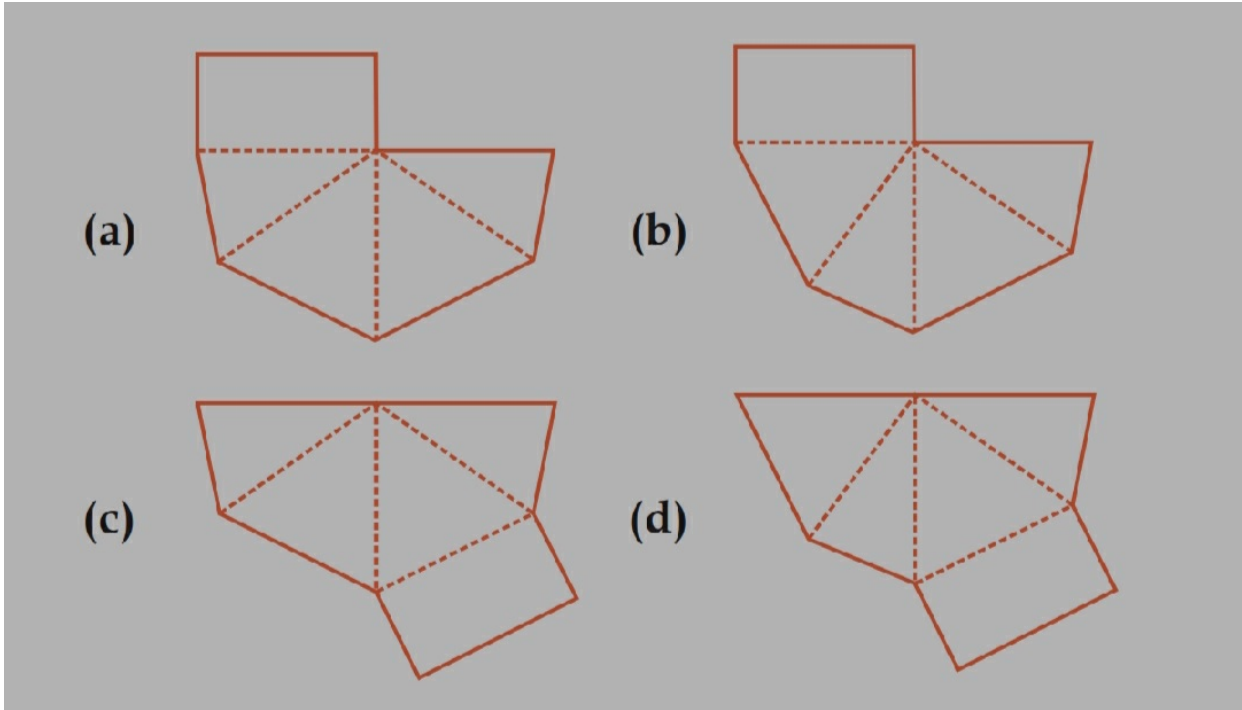


- A. a                       B. b  
 C. c                       D. d





Which of the following figures shown below, when folded along the dotted lines, will form a pyramid shaped box with a rectangular base?



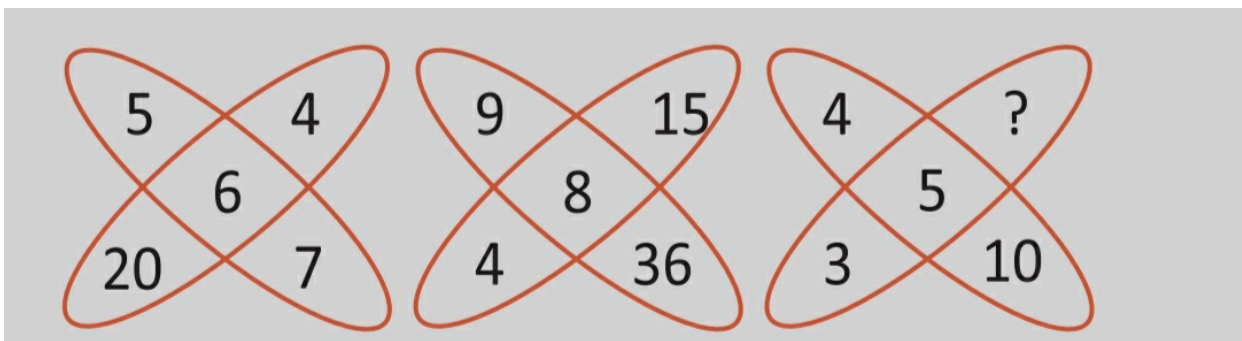
A. a

B. b

C. c

D. d

If the same rule is followed in all three figures then find the missing number



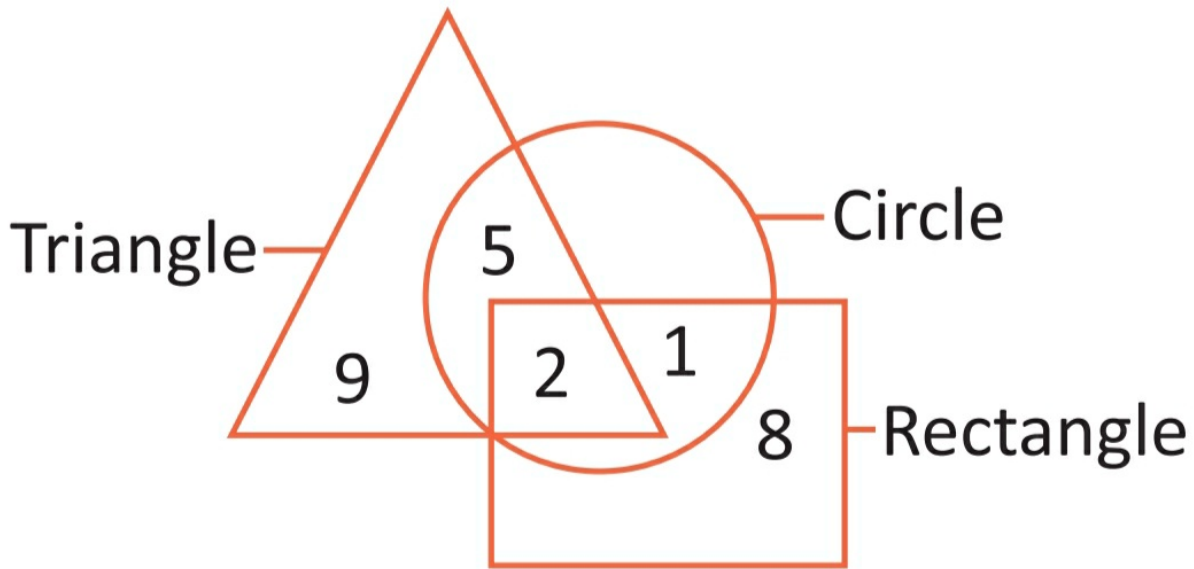
A. 8

B. 10

C. 11

D. 9

Find out the number, which lies inside all the figures.


 A. 2

 B. 5

 C. 7

 D. none of the above

In a certain code, 'LANGUAGE' is written as '4VBHF' how will you code 'OPPOSITE'?

 A. 4TJUF

 B. 5TJUF

 C. 4TJUE

 D. 4TJVF

Choose a figure from the options that fits perfectly into the question figure to complete the square.



(a)



(b)



(c)



(d)



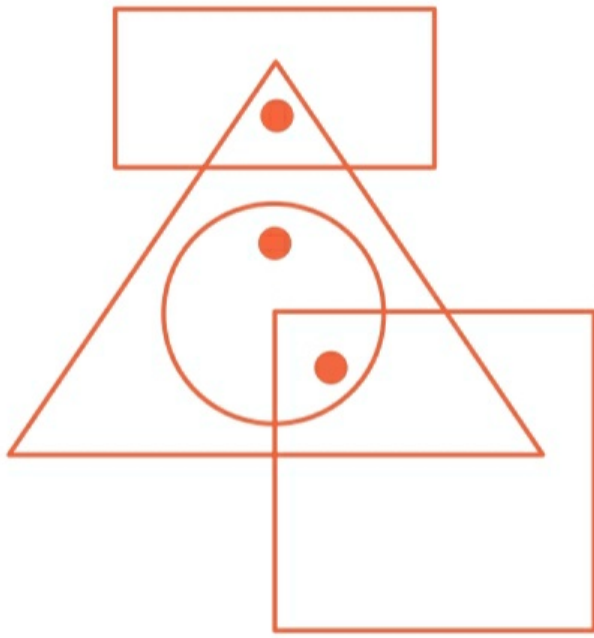
A. a

B. b

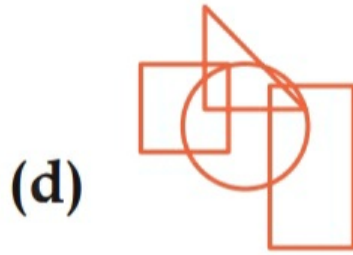
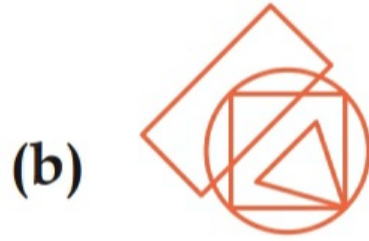
C. c

D. d

Select a figure from the options which satisfies the same conditions of placement of dots as in Fig. (X).



**Fig. (X)**



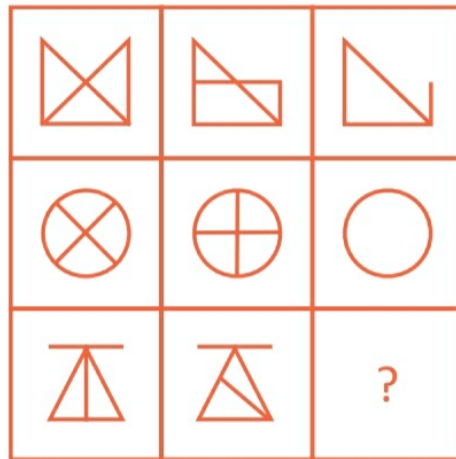
A. a

B. b

C. c

D. d

Which of the following options will replace the “?” to complete the given figure matrix?



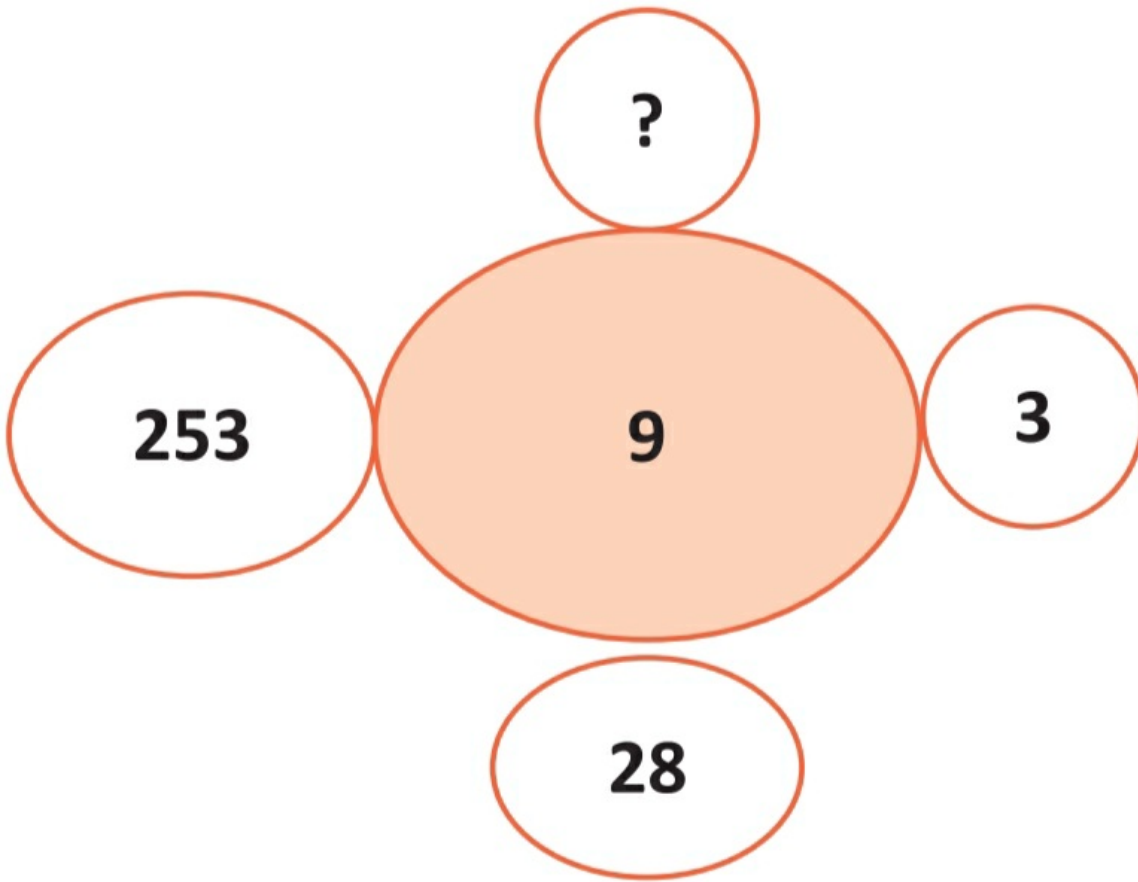
A. a

B. b

C. c

D. d

Find the missing number from the given alternatives.



- A. 2278  
 C. 284

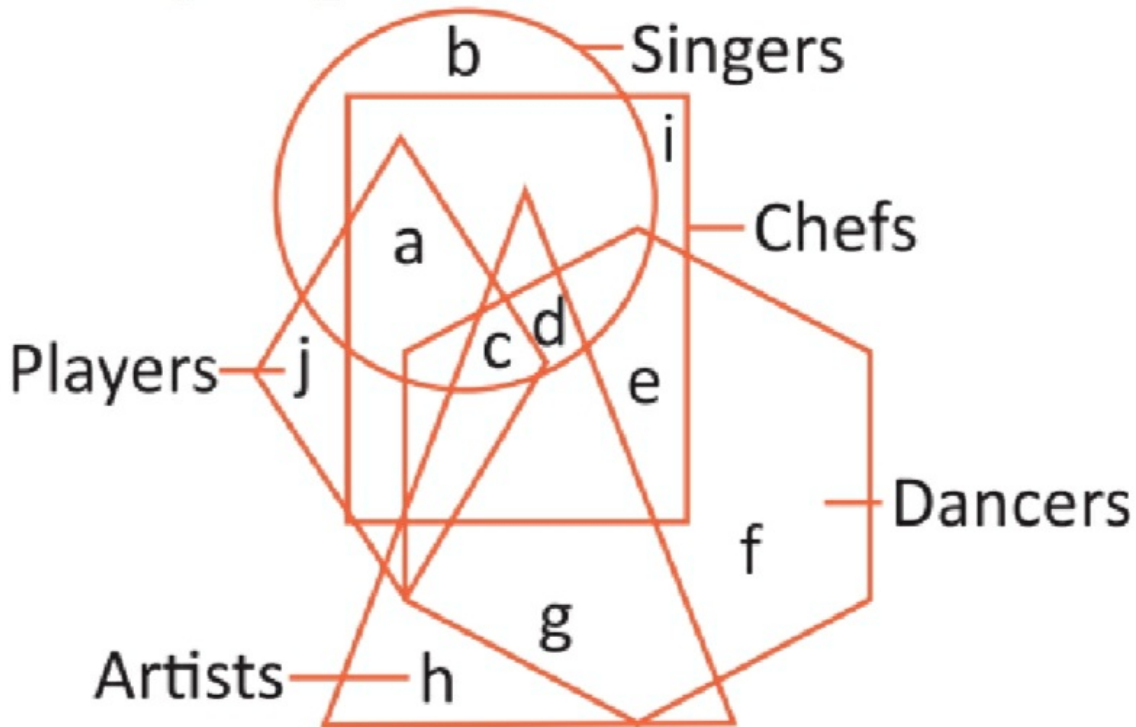
- B. 2277  
 D. 2229

In a certain code language, if MALDIVES is written as 75438691 and NIGER is written as 68394, then how will IRELAND be written in that code language

- A. 7495563  
 C. 8494566

- B. 7494563  
 D. 8494563

Study the diagram given below and answer the question that follows: The letter 'g' represents



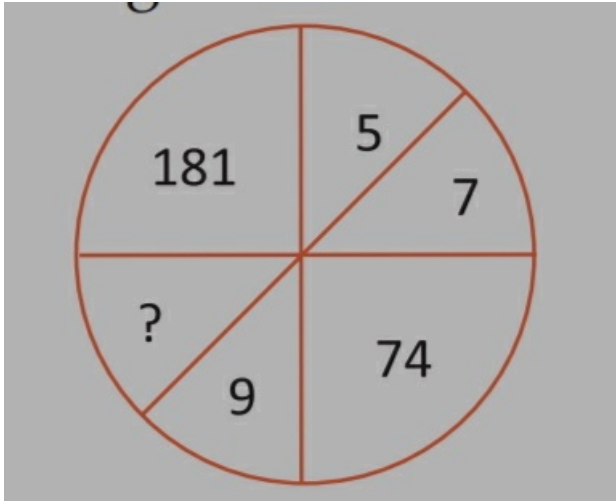
- A. Both dancers and artists
  B. Both artists and singers
- C. Both dancers and players
  D. Both players and singers

In a row of children, Trish is fifteenth from the left end of the row. If she is shifted towards the right end of the row by four places, she becomes eighth from the right end. How many children are there in the row?

- A. 27
  B. 26
- C. 28
  D. 24



Find the missing number.



A. 12

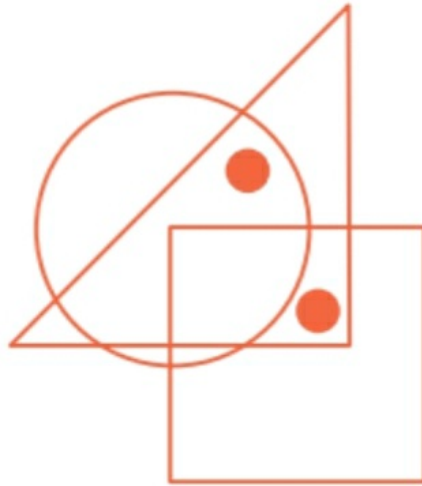
B. 11

C. 8

D. 10

Select the answer figure that satisfies the same conditions of placement of the dots as in the given figure.

Figure



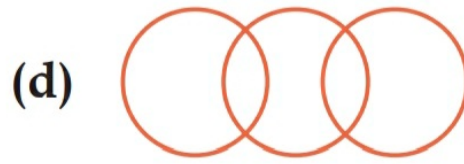
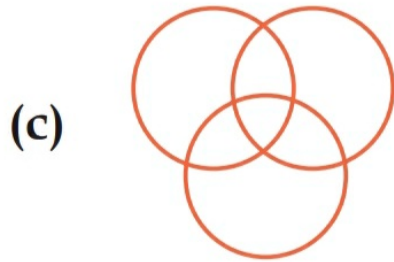
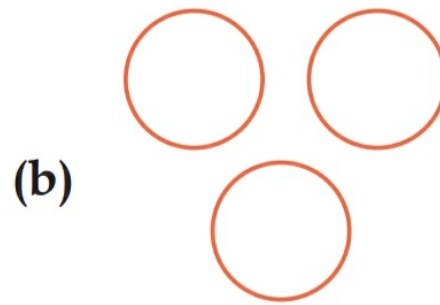
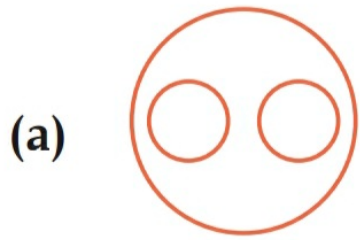
A. a

B. b

C. c

D. d

Which of the following Venn diagrams best depicts the relationship amongst "Dogs,pets, and cats"?



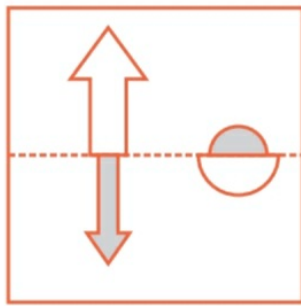
A. a

B. b

C. c

D. d

A square transparent Sheet (X) with a pattern is given. Select a figure from the options as to how the pattern would appear when the transparent sheet is folded along the dotted line.

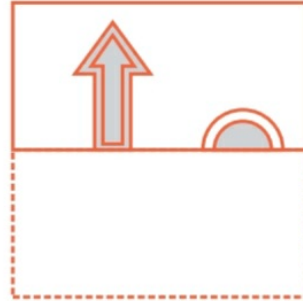


Sheet (X)

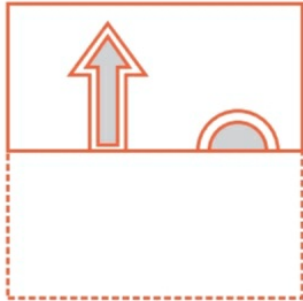
(a)



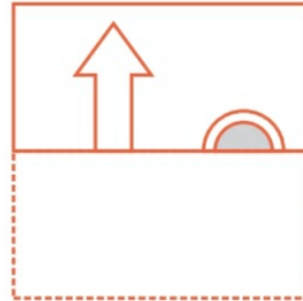
(b)



(c)



(d)



- A. a  
 C. c

- B. b  
 D. d

Question: 39 of 50

QID: 21276

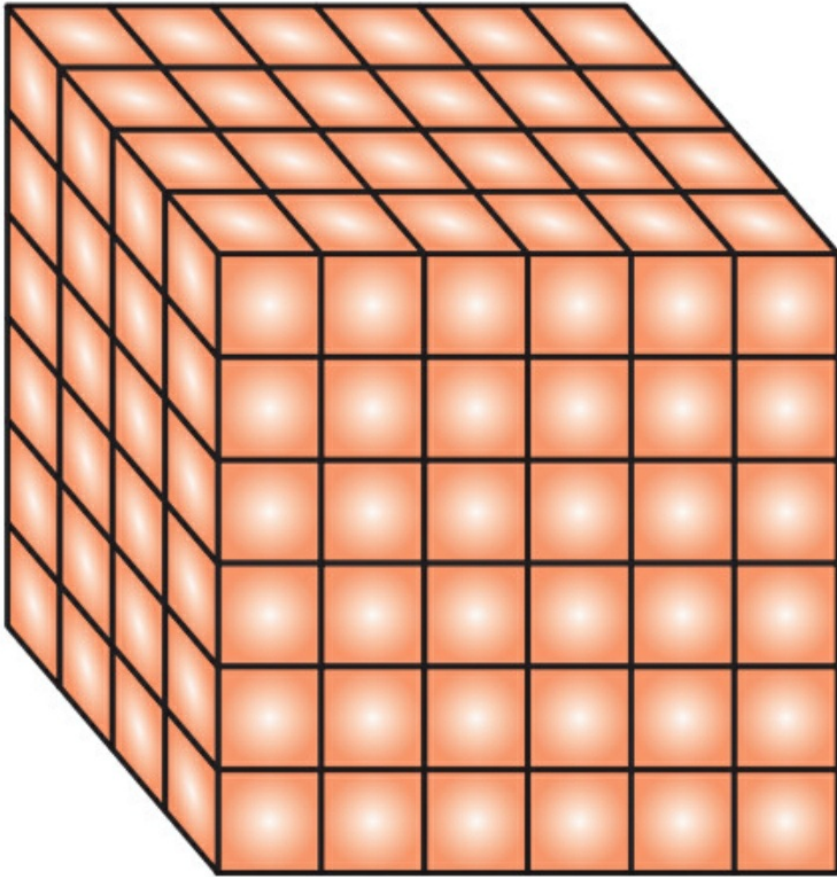
Marks:1

A cube is coloured orange on one face, pink on the opposite face, brown on one face, and silver on a face adjacent to the brown face. The other two faces are left uncoloured. It is then cut into 125 smaller cubes of equal size. How many cubes are coloured silver on one face, orange or pink on another face, and have four uncoloured faces?

- A. 8  
 C. 12

- B. 10  
 D. 16

How many cubes are there in the given cuboid?



(a) 84

(b) 96

(c) 144

(d) 192

A. 84

B. 96

C. 144

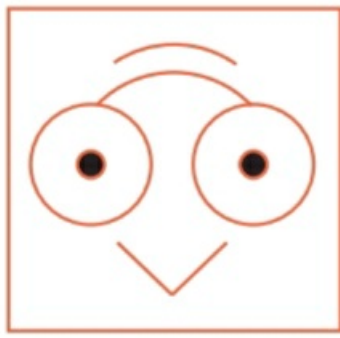
D. 192

Which coupon will save Zachary more money on a nightstand originally priced at \$80?

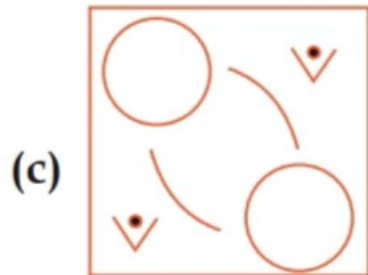
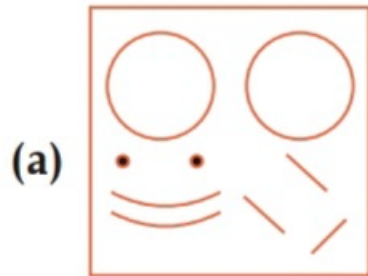


- A. save 70%
- B. \$60 off
- C. any one can be used as they both will mean same amount of discount
- D. none of these

In the following question, among four answer figures whose cut pieces can form the given question figure?



Figure



A. a  
 C. c

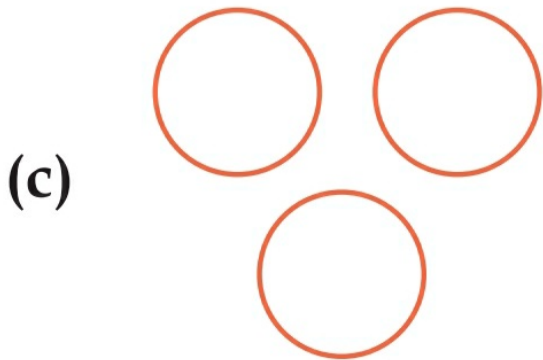
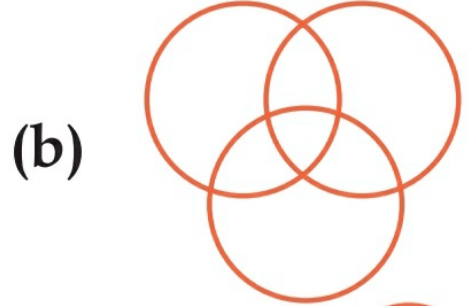
B. b  
 D. d

Find the odd letters/words from the given alternatives

- A. ACO -1315
- C. UWY - 212225

- B. RTV-182022
- D. HJL -81012

Which of the following Venn diagrams best illustrates the relationship amongst, Second, Minutes, and Hours.



- A. a
- C. c

- B. b
- D. d



There is a certain relationship between the pair of figures on the either side of::, identify the relationship and select the answer figure which will replace the '?'

**Problem figures**

**Answers figures**

(a)

(b)

(c)

(d)

- A. a
- C. c

- B. b
- D. d

If ' la de ra' is coded as ' cost to us' ' de pa me' is coded as ' mode the cost' 'ra la ti' is coded as ' clear to us', ' ca pa me' is coded as 'the India mode', then match the following.

	Word		Code
I	us	P	de
II	mode	Q	ra
III	cost	R	me

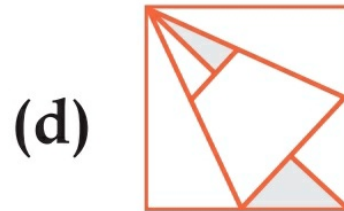
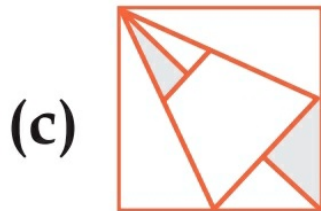
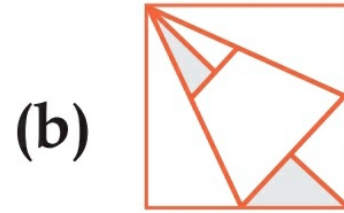
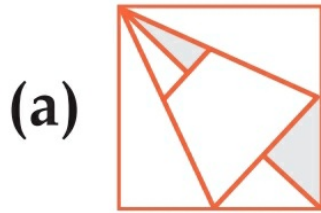
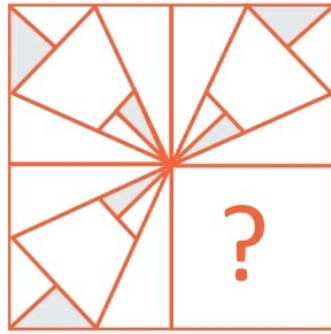
A. III-P, II-R, I-Q

B. II-R, I-P, III-Q

C. I-P, II-Q, III-R

D. I-R, II-Q, III-P

Which of the following figures will complete the pattern in the given figure?



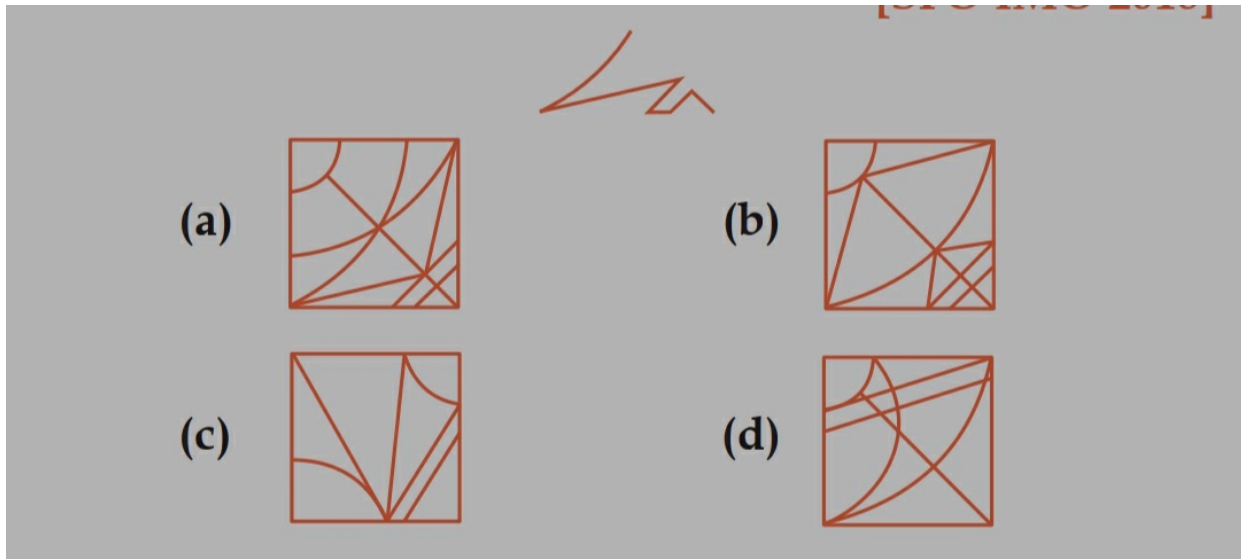
A. a

B. b

C. c

D. d

Select a figure from the options in which the given figure is exactly embedded as one of its parts.


 A. a

 B. b

 C. c

 D. d


Noah wants to buy an airplane poster. The sale price is \$2. What was the original price?

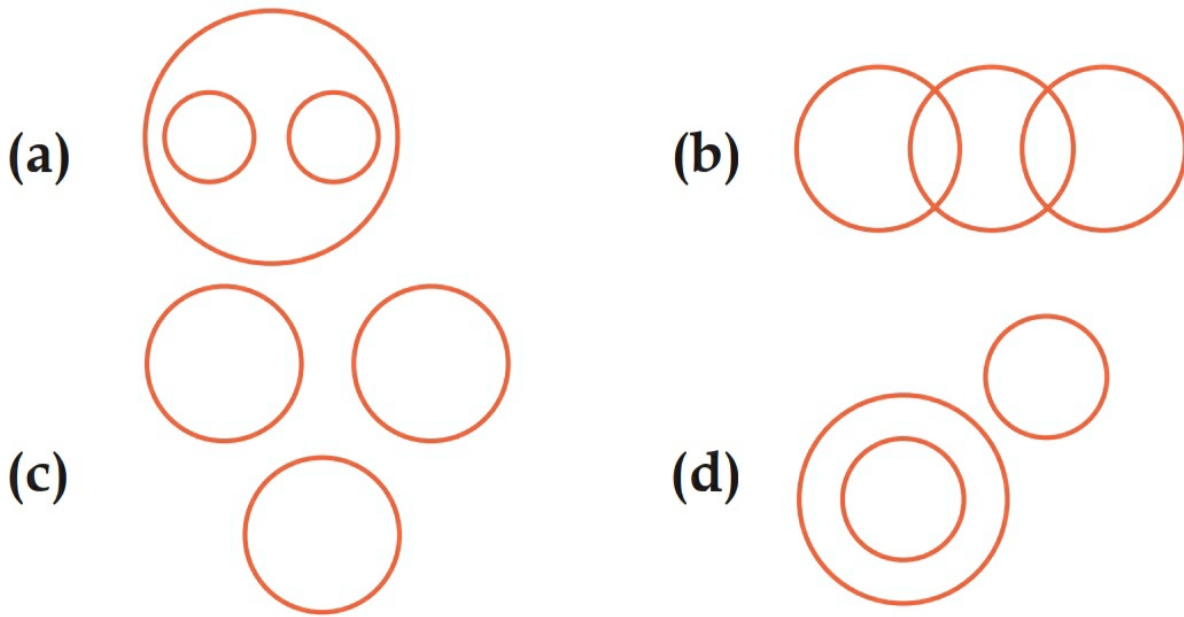
 A. \$4

 B. \$6

 C. \$10

 D. \$8

Which of the following Venn diagrams best represents the relationship amongst, Doctors, Lawyers, and Engineers.



A. a

C. c

B. b

D. d

--- END OF QUESTION PAPER ---