

SSC CPO Exam Paper - 2017 "held on 04 July 2017" Shift-1

(General Intelligence and Reasoning)

QID : 1 - In the following question, select the related word from the given alternatives.

Person : Biography : : ? : ?

Options:

- 1) World : Encyclopedia
- 2) Nation : History
- 3) Place : Economy
- 4) Country : Constitution

Correct Answer: Nation : History

QID : 2 - In the following question, select the related word from the given alternatives.

Ramanujan : Mathematician : : Sushruta : ?

Options:

- 1) Scientist
- 2) Architect
- 3) Physician
- 4) Astronomer

Correct Answer: Physician

QID : 3 - In the following question, select the related letters from the given alternatives.

EKMR : VPNI :: SJWG : ?

Options:

1) HQT D

2) HMQT

3) HDTQ

4) HQDT

Correct Answer: HQDT

QID : 4 - In the following question, select the related letters from the given alternatives.

MTBO : KRZM :: RJMD : ?

Options:

1) PHKB

2) PHKA

3) HPKA

4) PHBK

Correct Answer: PHKB

QID : 5 - In the following question, select the related number from the given alternatives.

11 : 123 :: 12 : ?

Options:

1) 144

2) 146

3) 148

4) 150

Correct Answer: 146

QID : 6 - In the following question, select the related number from the given alternatives.

108 : 11664 :: 112 : ?

Options:

1) 12504

2) 12544

3) 13644

4) 17644

Correct Answer: 12544

QID : 7 - In the following question, select the odd word pair from the given alternatives.

Options:

1) Snakes : Reptiles

2) Buffalo : Mammal

3) Kiwi : Bird

4) Parrot : Mammal

Correct Answer: Parrot : Mammal

QID : 8 - In the following question, select the odd word pair from the given alternatives.

Options:

1) Writer : Pen

2) Doctor : Chisel

3) Plumber : Wrench

4) Carpenter : Saw

Correct Answer: Doctor : Chisel

QID : 9 - In the following question, select the odd letters from the given alternatives.

Options:

1) AD

2) QS

3) VX

4) EG

Correct Answer: AD

QID : 10 - In the following question, select the odd letters from the given alternatives.

Options:

1) HJLN

2) LNPR

3) SUWY

4) EGIJ

Correct Answer: EGIJ

QID : 11 - In the following question, select the odd number pair from the given alternatives.

Options:

1) 24 – 6

2) 48 – 12

3) 72 – 24

4) 44 – 11

Correct Answer: 72 – 24

QID : 12 - In the following question, select the odd number pair from the given alternatives.

Options:

1) 14 – 48

2) 12 – 72

3) 11 – 88

4) 8 – 24

Correct Answer: 14 – 48

QID : 13 - Arrange the given words in the sequence in which they occur in the dictionary.

1. Nested

2. Nation

3. Nippon

4. Niger

5. Nappy

Option:

1) 52143

2) 52413

3) 21543

4) 25134

Correct Answer: 52143

QID : 14 - Arrange the given words in the sequence in which they occur in the dictionary.

1. Opperate
2. Oyster
3. Oracle
4. Otis
5. Official

Options:

1) 51324

2) 53124

3) 53142

4) 51342

Correct Answer: 51342

QID : 15 - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

P, M, J, G, ?

Options:

1) E

2) C

3) F

4) D

Correct Answer: D

QID : 16 - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

AA, DB, IC, PD, ?

Options:

1) WF

2) XE

3) YE

4) WE

Correct Answer: YE

QID : 17 - In the following question, select the missing number from the given series.

1, 8, 29, 92, 281, ?

Options:

1) 567

2) 628

3) 776

4) 848

Correct Answer: 848

QID : 18 - In the following question, select the missing number from the given series.

2, 7, 22, 67, ?

Options:

1) 197

2) 198

3) 200

4) 202

Correct Answer: 202

QID : 19 - In a row of cars Maruti is 20th from the left end of row. Honda is 10th to the right from Maruti and is at the exact center of row. How many cars are there in the row?

Options:

1) 54

2) 59

3) 57

4) 56

Correct Answer: 59

QID : 20 - Abhinav started running from his house, he first ran for 12 km towards west, then he turned towards north and ran 16 km in that direction. How far Abhinav is from his house and in which direction?

Options:

- 1) 13 km South
- 2) 13 km North
- 3) 15 km West
- 4) 20 km North-West

Correct Answer: 20 km North-West

QID : 21 - Kunal is elder to Rohit. Vivek is younger to Sushma, and Kunal is elder to Vivek. Who is the youngest?

Options:

- 1) Sushma
- 2) Rohit
- 3) Vivek
- 4) Cannot be determined

Correct Answer: Cannot be determined

QID : 22 - In the following question, select the word which cannot be formed using the letters of the given word.

TRANSPORTED

Options:

- 1) PORT
- 2) SPORTS
- 3) TRAP
- 4) TREAT

Correct Answer: SPORTS

QID : 23 - In the following question, select the word which cannot be formed using the letters of the given word.

INSTALMENTS

Options:

- 1) MEN

2) TALL

3) STALE

4) MENTAL

Correct Answer: TALL

QID : 24 - In a certain code language, "BANGED" is written as "JJKQCC" and "TILTS" is written as "XXOKU". How is "STRAY" written in that code language?

Options:

1) ZBSUT

2) XZQSR

3) EFUUS

4) DEUVT

Correct Answer: DEUVT

QID : 25 - In a certain code language, "GRAVYS" is written as "DUJVBVY" and "BUTLTS" is written as "WXEVWO". How is "SPREAD" written in that code language?

Options:

1) URTGCF

2) PMNBXA

3) VSUHDG

4) USVGDH

Correct Answer: USVGDH

QID : 26 - If "P" denotes "multiplied by", "Q" denotes "subtracted from", "S" denotes "added to" and "R" denotes "divided by", then which of the following equation must be true?

Options:

1) $7 S 56 P 2 R 28 = 11$

2) $36 R 6 P 2 S 4 = 19$

3) $64 R 8 P 3 S 6 = 72$

4) $36 R 9 S 4 P 2 = 14$

Correct Answer: $7 S 56 P 2 R 28 = 11$

QID : 27 - If " θ " denotes "added to", " δ " denotes "subtracted from", " β " denotes "divided by" and " α " denotes "multiplied by", then

$$5 \beta 1 \delta 9 \alpha 7 \theta 142 = ?$$

Options:

- 1) 114
- 2) 98
- 3) 84
- 4) 125

Correct Answer: 84

QID : 28 - If $17 * 36 = 17$ and $41 * 56 = 16$, then $41 * 32 = ?$

Options:

- 1) 6
- 2) 12
- 3) 10
- 4) 8

Correct Answer: 10

QID : 29 - If $14 \$ 8 = 91$ and $18 \$ 4 = 51$, then $21 \$ 9 = ?$

Options:

- 1) 160
- 2) 155
- 3) 151
- 4) 168

Correct Answer: 160

QID : 30 -

In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से प्रश्न चिन्ह (?) के स्थान पर आने वाली संख्या को चुनिए।

3	5
2	6
8	1

2	4
3	8
2	6

9	3
2	1
7	?

Options:

1) 1

2) 2

3) 3

4) 4

Correct Answer: 3

QID : 31 -

In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से प्रश्न चिन्ह (?) के स्थान पर आने वाली संख्या को चुनिए।

3	4	2	6
?	2	5	3
4	2	2	7

Options:

1) 3

2) 4

3) 5

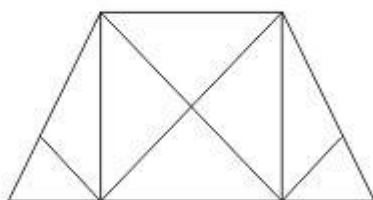
4) 6

Correct Answer: 5

QID : 32 -

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



Options:

1) 14

2) 16

3) 18

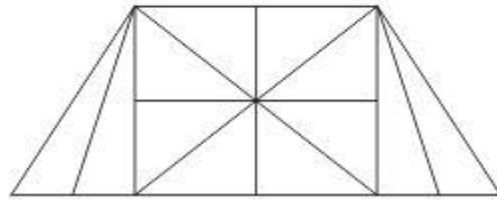
4) 20

Correct Answer: 16

QID : 33 -

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



Options:

1) 18

2) 24

3) 26

4) 28

Correct Answer: 26

QID : 34 - In each of the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. All cups are glasses.

II. Some cups are pens.

Conclusions:

I. Some pens are cups.

II. Some pens are glasses.

III. Some pens are not cups.

Options:

1) Only conclusion (I) and (III) follow

2) Only conclusion (II) and (III) follow

3) Only conclusion (I) and (II) follow

4) All conclusions follow

Correct Answer: Only conclusion (I) and (II) follow

QID : 35 - In each of the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

- I. No cities are countries.
- II. No countries are villages.

Conclusions:

- I. Some countries are city.
- II. No villages are city.

Options:

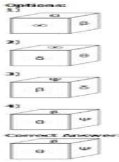
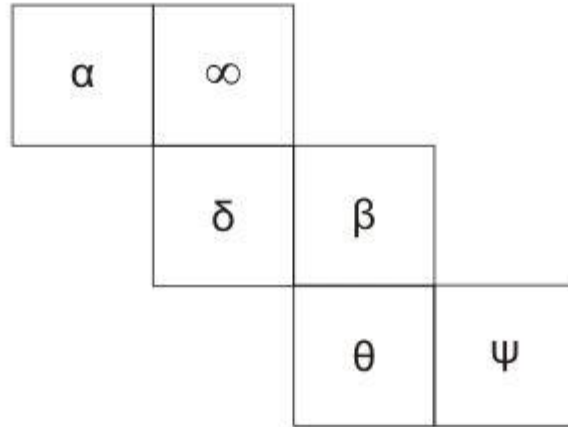
- 1) Only conclusion (I) follows
- 2) Only conclusion (II) follows
- 3) Both conclusion follow
- 4) Neither conclusion (I) nor conclusion (II) follows

Correct Answer: Neither conclusion (I) nor conclusion (II) follows

QID : 36 -

From the given options, which answer figure can be formed by folding the figure given in the question?

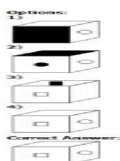
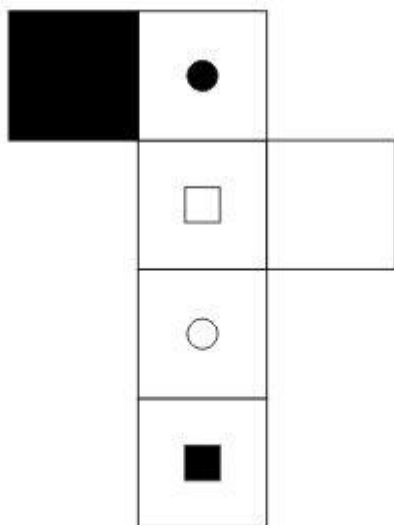
निम्नलिखित विकल्पों में से कौन सी उत्तर आकृति प्रश्न में दी गई आकृति को मोड़कर बनाई जा सकती है?



QID : 37 -

From the given options, which answer figure can be formed by folding the figure given in the question?

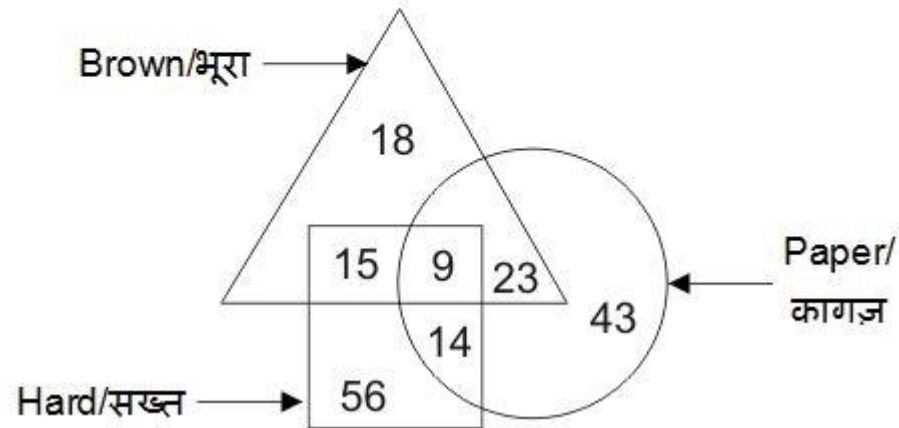
निम्नलिखित विकल्पों में से कौन सी आकृति प्रश्न में दी गई आकृति को मोड़कर बनाई जा सकती है?



QID : 38 -

In the given figure, how many papers are also hard?

दी गई आकृति में, कितने कागज़ सख्त भी हैं?



Options:

1) 14

2) 23

3) 37

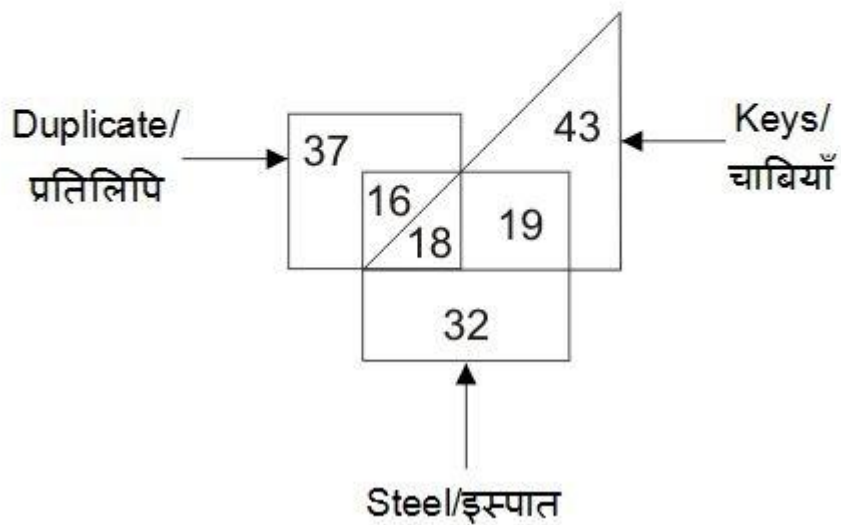
4) 32

Correct Answer: 23

QID : 39 -

In the given figure, how many keys are duplicate but not steel?

दी गई आकृति में, कितनी चाबियाँ प्रतिलिपि तो हैं लेकिन इस्पात नहीं हैं?



Options:

1) 16

2) 18

3) 0

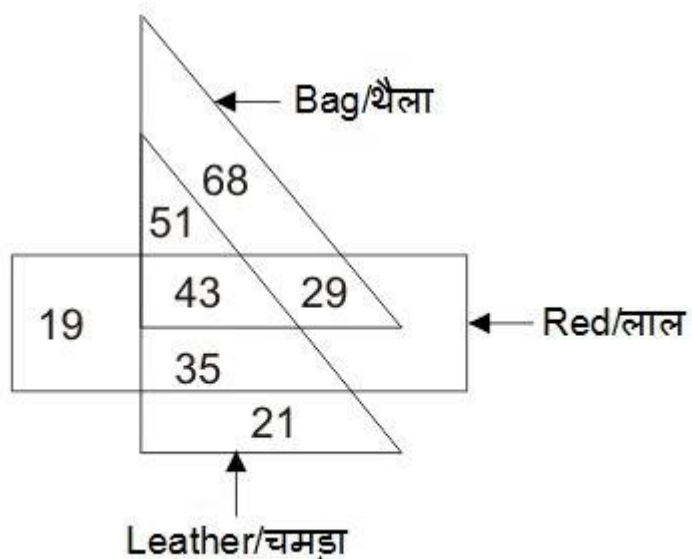
4) 34

Correct Answer: 0

QID : 40 -

In the given figure, how many leather bags are not red?

दी गई आकृति में, चमड़े के कितने थैले लाल नहीं हैं?



Options:

1) 29

2) 76

3) 43

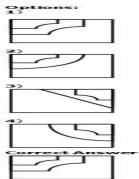
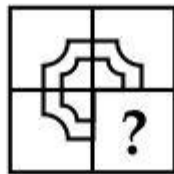
4) 51

Correct Answer: 51

QID : 41 -

Which answer figure will complete the pattern in the question figure?

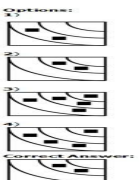
कौन सी उत्तर आकृति प्रश्न आकृति के प्रतिरूप को पूरा करेगी?



QID : 42 -

Which answer figure will complete the pattern in the question figure?

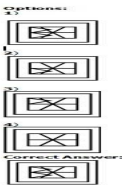
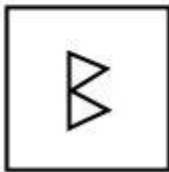
कौन सी उत्तर आकृति प्रश्न आकृति के प्रतिरूप को पूरा करेगी?



QID : 43 -

From the given answer figures, select the one in which the question figure is hidden/embedded.

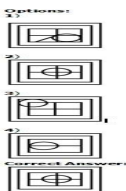
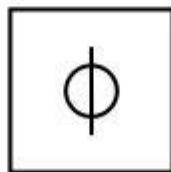
दी गई उत्तर आकृतियों में से उस उत्तर आकृति को चुनिए जिस में प्रश्न आकृति निहित है।



QID : 44 -

From the given answer figures, select the one in which the question figure is hidden/embedded.

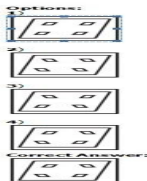
दी गई उत्तर आकृतियों में से उस उत्तर आकृति को चुनिए जिस में प्रश्न आकृति निहित है।



QID : 45 -

A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

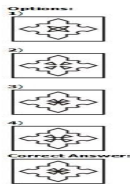
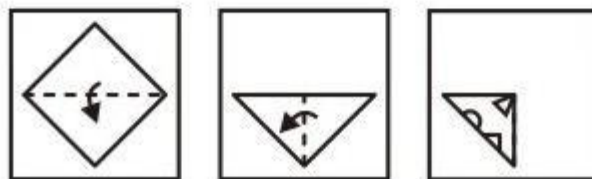
नीचे के प्रश्न आकृतियों में दिखाए अनुसार कागज को मोड़कर छेदने तथा खोलने के बाद वह किस उत्तर आकृति जैसा दिखाई देगा?



QID : 46 -

A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

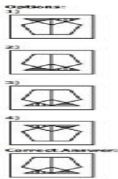
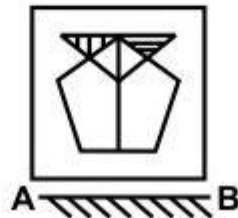
नीचे के प्रश्न आकृतियों में दिखाए अनुसार कागज को मोड़कर छेदने तथा खोलने के बाद वह किस उत्तर आकृति जैसा दिखाई देगा?



QID : 47 -

If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?

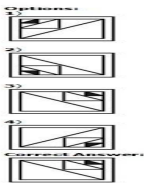
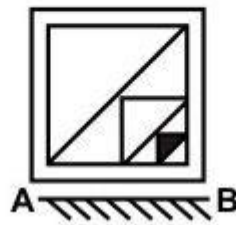
यदि एक दर्पण को AB रेखा पर रखा जाए, तो दी गई उत्तर आकृतियों में से कौन सी आकृति प्रश्न आकृति की सही प्रतिबिम्ब होगी?



QID : 48 -

If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?

यदि एक दर्पण को AB रेखा पर रखा जाए, तो दी गई उत्तर आकृतियों में से कौन सी आकृति प्रश्न आकृति की सही प्रतिबिम्ब होगी?



QID : 49 -

A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of **Matrix-I** are numbered from 0 to 4 and that of **Matrix-II** are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example, 'T' can be represented by 03, 31, etc., and 'D' can be represented by 75, 87, etc. Similarly, you have to identify the set for the word "GHOST".

एक शब्द केवल एक संख्या-समूह द्वारा दर्शाया गया है, जैसा कि विकल्पों में से किसी एक में दिया गया है। विकल्पों में दिए गए संख्या-समूह अक्षरों के दो वर्गों द्वारा दर्शाए गए हैं, जैसा कि दिए गए दो आव्यूहों में है। **आव्यूह-I** के स्तम्भ और पंक्ति की संख्या 0 से 4 है और **आव्यूह-II** की 5 से 9। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'T' को 03, 31, आदि द्वारा दर्शाया जा सकता है तथा 'D' को 75, 87, आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द "GHOST" के लिए समूह को पहचानना है।

Matrix-I
आव्यूह-I

	0	1	2	3	4
0	E	O	N	T	G
1	T	N	G	O	E
2	O	G	T	E	N
3	N	T	E	G	O
4	G	E	O	N	T

Matrix-II
आव्यूह-II

	5	6	7	8	9
5	M	D	H	S	A
6	A	S	M	D	H
7	D	A	S	H	M
8	H	M	D	A	S
9	S	H	A	M	D

Options:

1) 33, 57, 20, 66, 03

2) 40, 78, 42, 97, 10

3) 12, 96, 13, 77, 30

4) 04, 78, 01, 58, 43

Correct Answer: 33, 57, 20, 66, 03

QID : 50 -

A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of **Matrix-I** are numbered from 0 to 4 and that of **Matrix-II** are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example, 'C' can be represented by 00, 33, etc., and 'O' can be represented by 56, 88, etc. Similarly, you have to identify the set for the word "**BAKES**".

एक शब्द केवल एक संख्या-समूह द्वारा दर्शाया गया है, जैसा कि विकल्पों में से किसी एक में दिया गया है। विकल्पों में दिए गए संख्या-समूह अक्षरों के दो वर्गों द्वारा दर्शाए गए हैं, जैसा कि दिए गए दो आव्यूहों में है। **आव्यूह-I** के स्तम्भ और पंक्ति की संख्या 0 से 4 है और **आव्यूह-II** की 5 से 9। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'C' को 00, 33, आदि द्वारा दर्शाया जा सकता है तथा 'O' को 56, 88, आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द "**BAKES**" के लिए समूह को पहचानना है।

Matrix-I**आव्यूह-I**

	0	1	2	3	4
0	C	R	B	K	S
1	S	B	K	R	C
2	R	C	S	B	K
3	K	S	R	C	B
4	B	K	C	S	R

Matrix-II**आव्यूह-II**

	5	6	7	8	9
5	E	O	U	A	I
6	A	I	O	U	E
7	O	E	A	I	U
8	I	U	E	O	A
9	U	A	I	E	O

Options:

1) 11, 65, 03, 55, 20

2) 40, 77, 24, 76, 32

3) 34, 96, 41, 87, 10

4) 02, 58, 31, 88, 04

Correct Answer: 34, 96, 41, 87, 10