16.

14	27	56	18	76	32	■	68	64	71	19	25	49
5	9	11	9	13	5	■	?	?	?	?	?	?

The top set of six numbers has a relationship to the set of six numbers below. The two sets of six boxes on the left have the same relationship as the two sets of six boxes on the right. Which set of numbers should therefore replace the question marks?

A	14	4	8	8	5	7

B	16	9	4	10	3	13

C	12	9	4	18	6	19

D	12	10	9	8	5	7

Ⓔ	14	10	8	10	7	13

بيعتمد هنا على ان العلاقه هى بيجمع الرقمين اللى فوق اللى هما (4+1) بيساوى الرقم اللى تحت 5

25.

12	3	7	8	10	18	■	4	11	2	5	6	13
6	6	14	4	5	9	■	?	?	?	?	?	?

The top set of six numbers has a relationship to the set of six numbers below. The two sets of six boxes on the left have the same relationship as the two sets of six boxes on the right. Which set of numbers should therefore replace the question marks?

A	8	6	4	10	3	22

Ⓑ	2	22	1	10	3	26

C	8	22	4	8	12	5

D	2	5	6	13	11	4

E	6	6	1	10	12	26

الفكره هنا بيعتمد على قسمه العدد الزوجى (12) / 2   ويضرب العدد الفردى x 2

23.

4	8	2	3	9	7	█	5	9	1	4	3	6
2	9	4	7	3	8	█	?	?	?	?	?	?

The top set of six numbers has a relationship to the set of six numbers below. The two sets of six boxes on the left have the same relationship as the two sets of six boxes on the right. Which set of numbers should therefore replace the question marks?

A | 4 | 5 | 3 | 1 | 9 | 5 |

(B) | 1 | 3 | 5 | 6 | 4 | 9 |

C | 9 | 5 | 1 | 6 | 3 | 4 |

D | 8 | 2 | 7 | 9 | 3 | 6 |

E | 2 | 4 | 8 | 1 | 3 | 5 |

بيعتمد هنا على الترتيب ف 4 بقيت ف الترتيب التالت وال8 بقيت ف الترتيب الاخير

14.

3	6	9	4	8	2	█	2	9	7	9	5	6
7	3	8	9	6	4	█	?	?	?	?	?	?

The top set of six numbers has a relationship to the set of six numbers below. The two sets of six boxes on the left have the same relationship as the two sets of six boxes on the right. Which set of numbers should therefore replace the question marks?

(A) | 5 | 9 | 5 | 9 | 1 | 2 |

B | 5 | 6 | 4 | 6 | 3 | 13 |

C | 6 | 10 | 5 | 9 | 2 | 1 |

D | 5 | 9 | 1 | 2 | 5 | 9 |

E | 5 | 7 | 5 | 9 | 1 | 2 |

الرقم اللى فوق كله x 2

7	3	1	5	4	5	■	7	8	4	1	3	7
6	5	6	2	4	8	■	?	?	?	?	?	?

The top set of six numbers has a relationship to the set of six numbers below. The two sets of six boxes on the left have the same relationship as the two sets of six boxes on the right. Which set of numbers should therefore replace the question marks?

A | 8 | 2 | 4 | 5 | 9 | 8 |

B | 9 | 4 | 4 | 5 | 8 | 9 |

C | 6 | 8 | 4 | 8 | 7 | 9 |

D | 8 | 4 | 2 | 5 | 9 | 8 |

E | 4 | 1 | 3 | 8 | 7 | 7 |

بيقلب اول رقم تحت ع اليمين وبيزود عدد اضافى زى ال7 بقيت تحت 8

6	4	2	5	4	1	■	7	2	4	3	5	6
9	8	5	9	7	5	■	?	?	?	?	?	?

The top set of six numbers has a relationship to the set of six numbers below. The two sets of six boxes on the left have the same relationship as the two sets of six boxes on the right. Which set of numbers should therefore replace the question marks?

A | 11 | 5 | 8 | 7 | 9 | 9 |

B | 9 | 7 | 6 | 8 | 7 | 11 |

C | 10 | 6 | 7 | 7 | 8 | 10 |

D | 10 | 6 | 7 | 8 | 9 | 11 |

E | 1 | 1 | 1 | 1 | 1 | 10 |

بيزود العدد الاول 3 والعدد التانى 4

1.
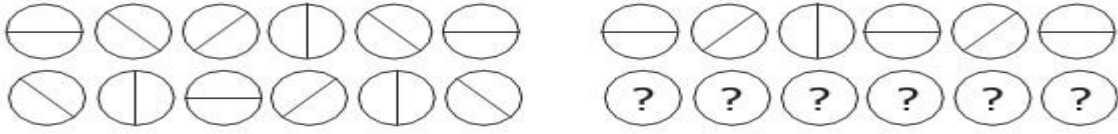
Which set of symbols should replace the question marks?

A

B

C

D

E

الدوائر بتتحرك 45 درجه ف اتجاه عقارب الساعه

30.
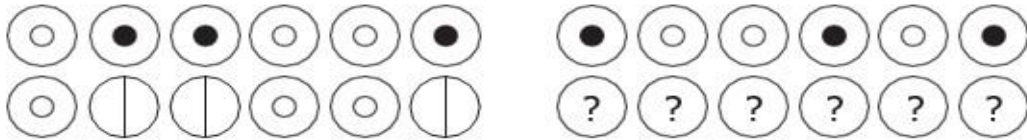
Which set of symbols should replace the question marks?

A

B

C

D

E

كل دائرة مفرغة بينزل مكانها دائره وكل دائرة مظلله بينزل مكانها خط

14.
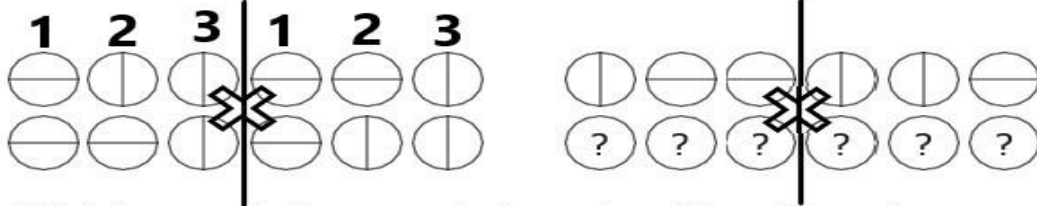
Which set of diagrams below should replace the question marks?

A

B

C

D

E

هنفصل كل 3 دوائر عن بعض ونعكسهم تحت اللى ع الشمال هيروحوا بنفس الترتيب على اليمين واللى ع الشمال هيروحوا ع اليمين بنفس الترتيب

28.
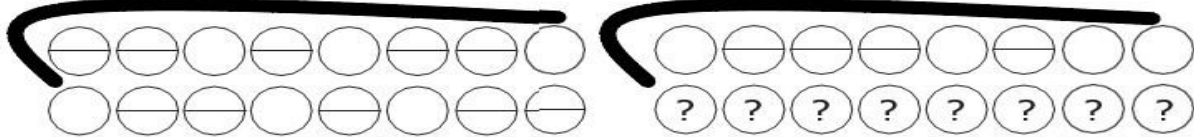
Which set of figures should replace the question marks?

A

B

C

D

E

اول دائرة على اليمين فى الصف الاول جات على الشمال ونكمل الصف عادى

24.
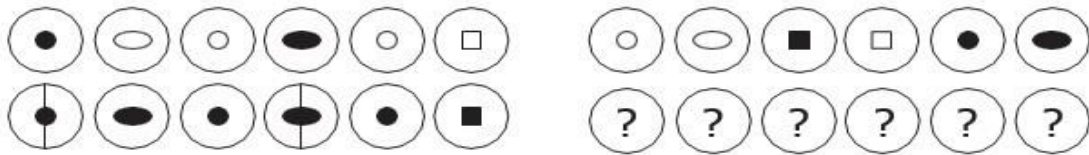
Which set of symbols should replace the question marks?

A

B

C

D

E

كل دائرة مظللله اتضاف ليها خط عمودى والمفرغه تم تلوينها

27.
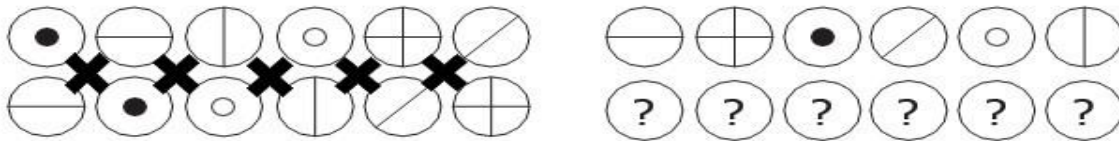
Which set of symbols should replace the question marks?

A

B

C

D

E

كل دائرتين بيتبدلو مع بعض

23. **1** **2**

Which set of diagrams below should replace the question marks?

A

B

C

D

Ⓔ
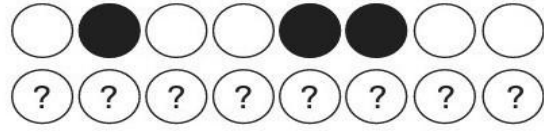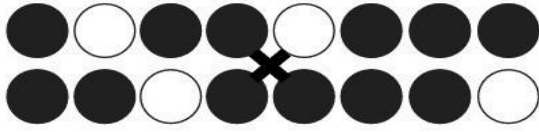
كل مجموعه من 4 دوائر تم عكسهم وترتيبهم بالعكس يعنى فـ (1) الدائره السوده اول دائره ثم البيضاء ثم السوده ثم السوده

---

28. Each set of nine numbers relates to the other in a certain way. Work out the logic behind the numbers in the left-hand box in order to determine which number is missing from the right-hand box.

$2 \times 3 = 6$
$+1 = 7$

3	7	2		6	7	1
1	5	4		3	?	4
2	9	4		1	2	1

Answer   **13**

بيضرب الرقمين x بعض وبعدين يجمع عليه 1

1. Each set of nine numbers relates to the other in a certain way. Work out the logic behind the numbers in the left-hand box in order to determine which number is missing from the right-hand box.

3	5	9		4	2	7
9	6	6		3	8	2
4	8	2		7	9	?

394+568=962

Answer: 6

بيجمع الصف اللى ف النص مع الصف الاخير ويكون الناتج الصف الاول اللى ع الشمال يبقى هنجمع 437+289=726

1. Each set of nine numbers relates to the other in a certain way. Work out the logic behind the numbers in the left-hand box in order to determine which numbers are missing from the right-hand box.

العدد المقابل ل14 هو 6 حاصل ضرب 2 ف 3 يبقى كده وصلنا لرقم 2 يبقى ايه الرقم اللى اضربه ف2 =14 هو العدد 7 هنحط ال7 قصاد 3

12	21	6		28	?	14
27	3	15		63	?	35
18	9	24		42	21	?

طيب عشان نجيب ؟ ايه المقابل ليها هو العدد 21 طيب كام ف 3 يدينى 21 هو العدد 7 يبقى هنضرب 7 ف 7 وهكذا الرقم الاخير

Answer: 49 - 7 - 56

8. Each set of nine numbers relates to the other in a certain way. Work out the logic behind the numbers in the left-hand box in order to determine which number is missing from the right-hand box.

498+379 =379

4	9	8		6	8	7
8	7	7		9	7	3
3	7	9		2	8	?

973 -
687
=286

Answer: 6

بما ان ف رقم مفقود ف احنا هنطرح الصف اللى ف النص من اللى فوق لايجاد الرقم الناقص

29. The numbers in each set of nine relate to each other in a certain way. Work out the logic behind the numbers in the left-hand box in order to determine which number is missing from the right-hand box.

4	10	8		9	3	?
11	2	13		15	6	15
5	4	7		8	3	11

+ (bracket connecting top two rows)
3 / (left of bottom row)

Answer **18**

بنجمع الصفين اللى فوق وبعدين نقسمهم على 3   بما ان الرقم المفقود فوق ايه الرقم
اللى اجمعه على 15 واقسمه على 3 يعطينى 11
الحل هنضرب33= 3 x 11 وبعدين نطرح 33 من 15 هيعطينى 18

27.

+2   -3   +2

4		3	5
7	9		8
5			6
8	10	7	9

+3
-2
+3

Which is the missing section?

7	
	6
4	7

A

6	
	6
4	7

B

6	
	6
7	4

©

6	
	7
7	4

D

ماشي بنمط رياضي معين

14.

بيكون ف دائره فيها
ياما خط افقى يأما
خط راسى بشوف
الناقص واكمله
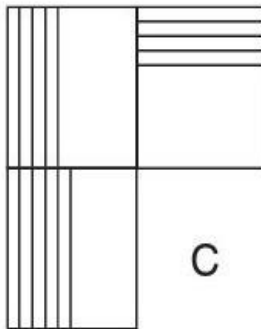
Which is the missing section?

A

B

C

D
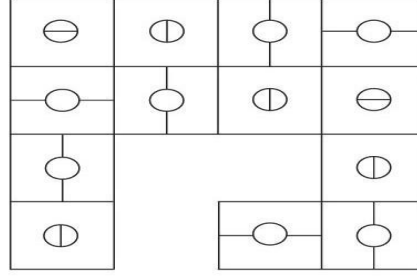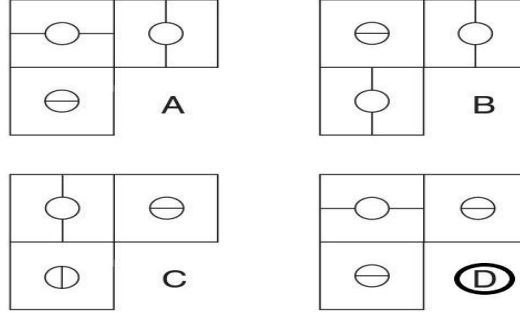
15.

ف 3 انواع من الدوائر
مفرغه - مخططه- مظلله
==============
الخط ف 3 اتجاهات فوق
ف الجنب - تحت
شوف الناقص وكمله
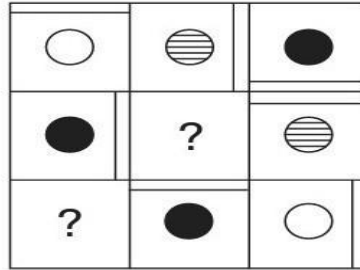
Which are the two missing squares?

A

B

C

D

E
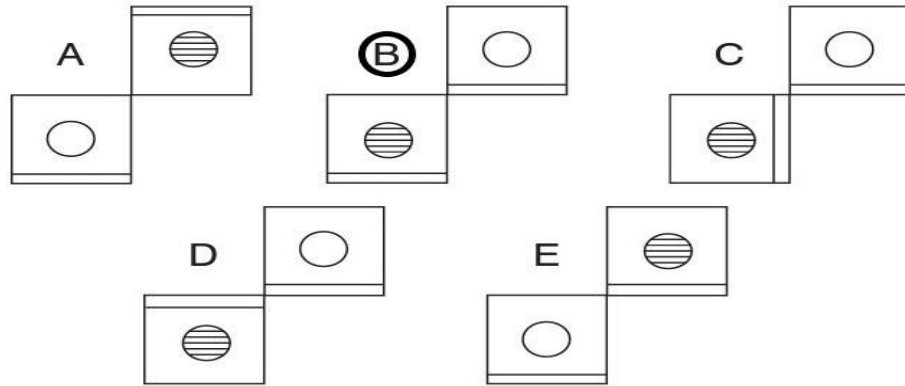
30.

الصف الاول هو الصف التالت بس بإضافه خط
=============
والصف التانى هو الرابع

Which is the missing section?

A

B

C

D

9.

	−1	−2	−3
−1	Z		W	T
−3	W	V		Q
−2	U	T		O
	T		Q	N

Which is the missing section?

A ⊙

Y	
	T
	R
S	

B

X	
	R
	T
S	

C

Y	
	T
	R
R	

D

X	
	T
	R
S	
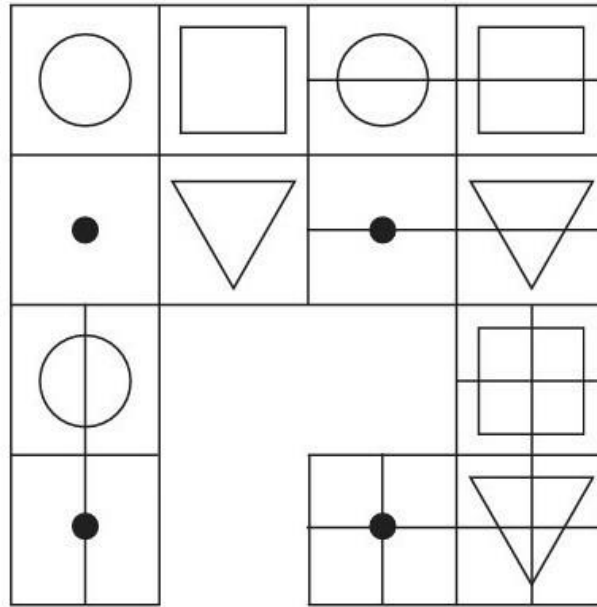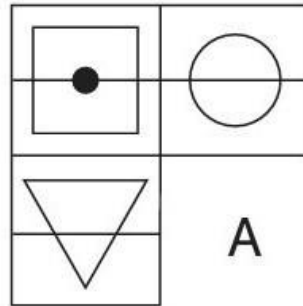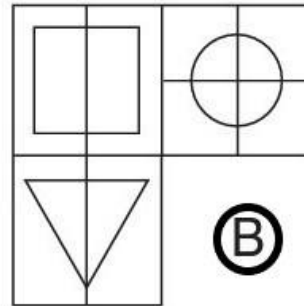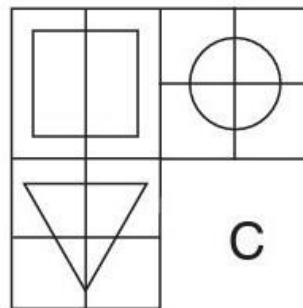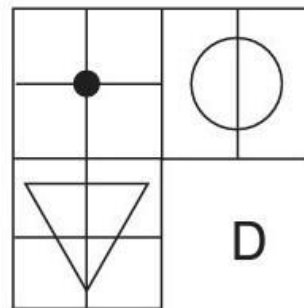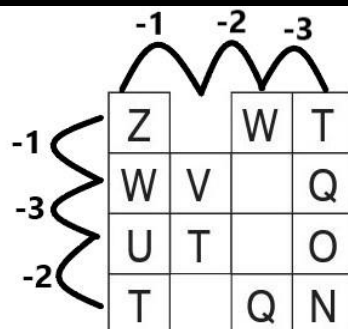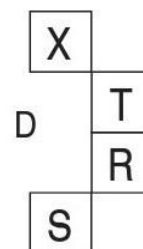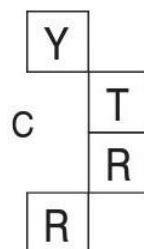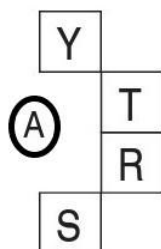
الافضل نكتب الحروف ونعد على حسب النمط

6.

A	G	D	K	G	R	K
F	R	N	L	A	B	D
L	Ⓑ	Ⓑ	F	F	N	N
K	N	R	A	L	D	B
D	D	G	G	K	K	R
N	K	A			L	G
B	L	F			F	A

Which is the missing section?

D	R
B	N

A

R	D
N	B

B

D	R
N	B

C

R	D
B	N

Ⓓ

12

5.

Which is the missing section?

A

B

C

D
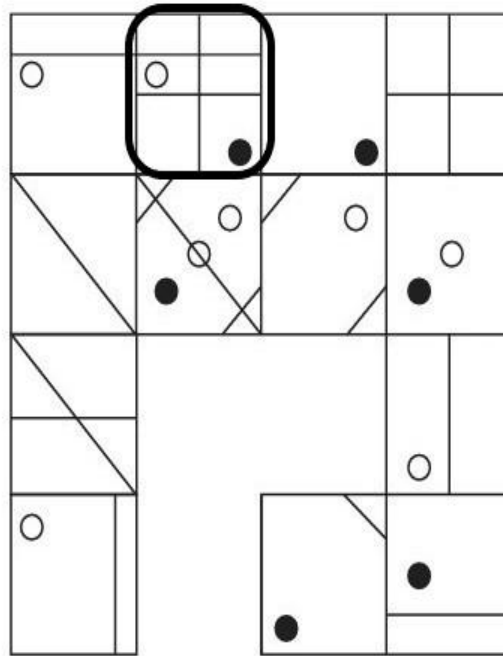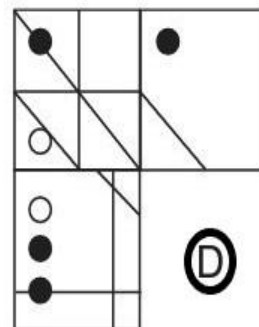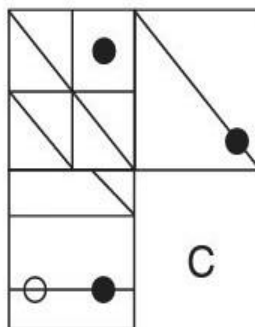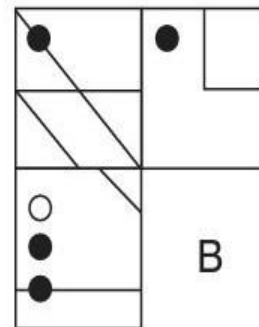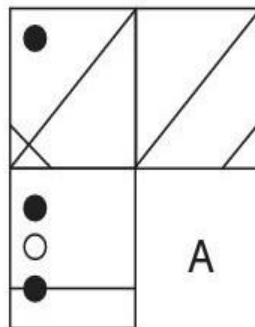
18.

الفكرة هنا ف عدد الخطوط بيزيد كل ما بنزل لتحت ف نفس الاتجاه
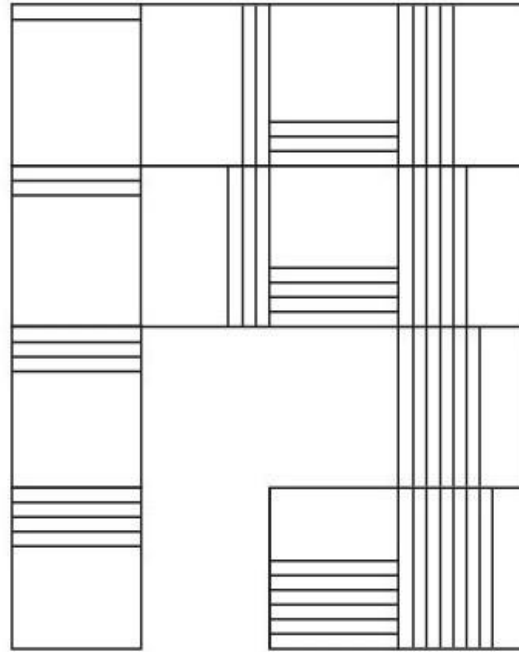
Which is the missing section?
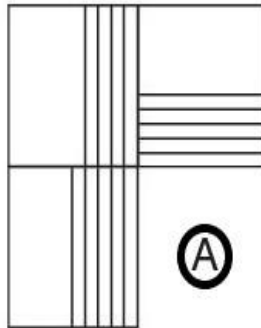
 A
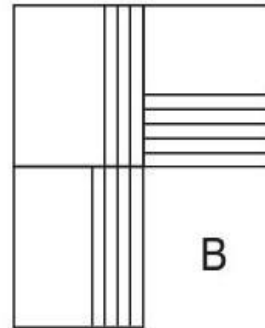
 B

 C
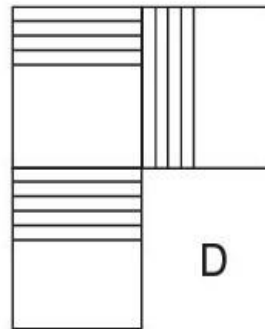
 D

18.

الفكرة بتعتمد على التظليل
اما من الخارج او الداخل او
الوسط
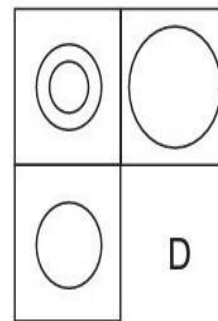

Which two squares are missing?
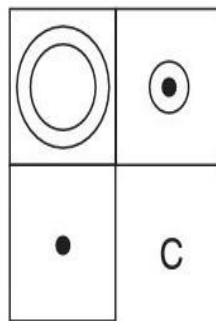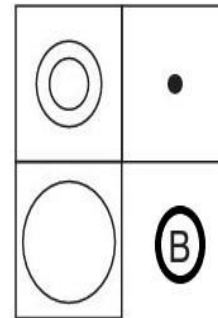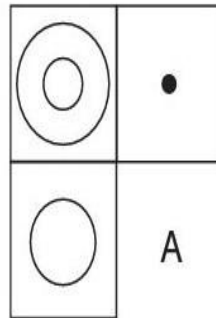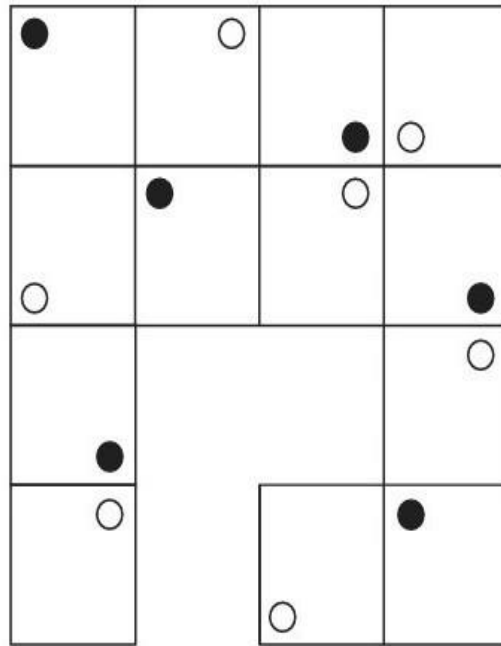

A

B

C

D

E
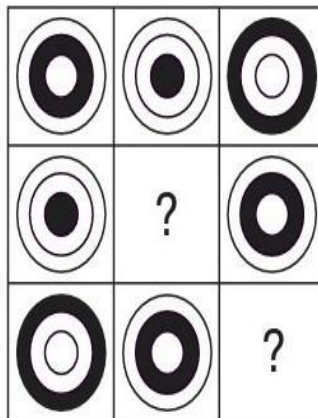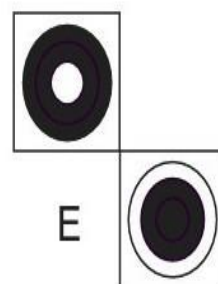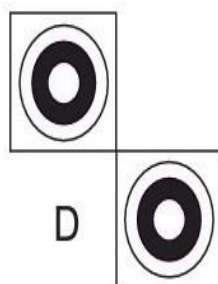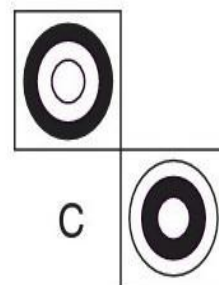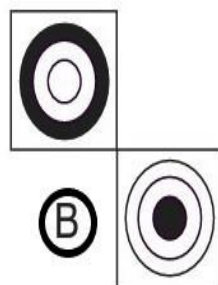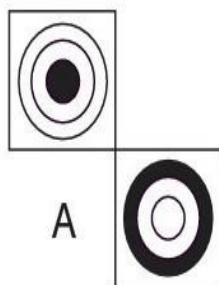
25.

الصف الاول هو الصف التالت بس بالعكس
==============
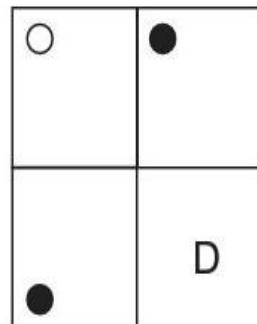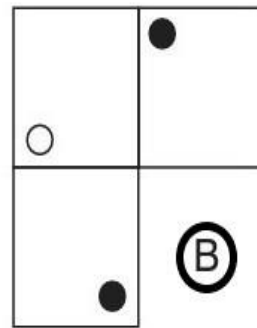والتانى هو الرابع بس بالعكس
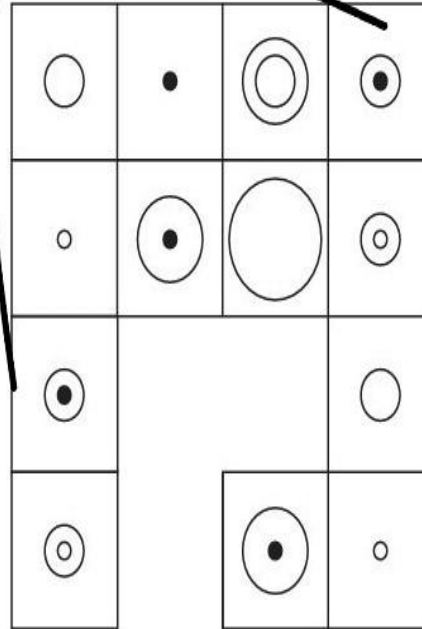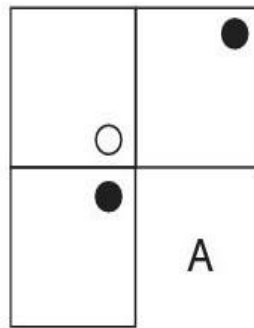

Which is the missing section?

9.

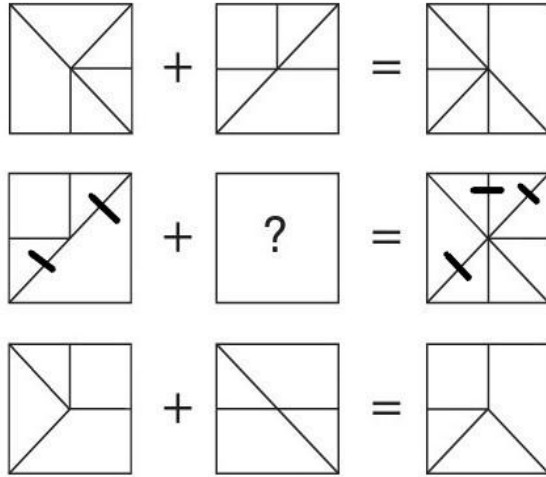الفكره هنا ف ال(.) بتتحرك فى مربعات عكس عقارب الساعه ويتغير لو هى مفرغه بتكون مظلله

Which is the missing section?

A

B

C

D

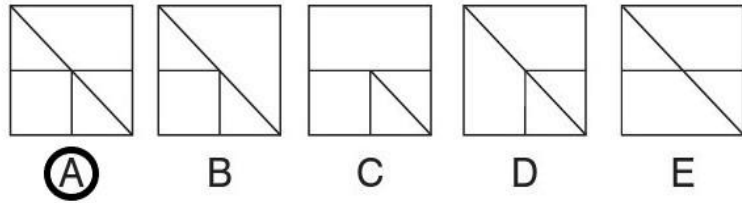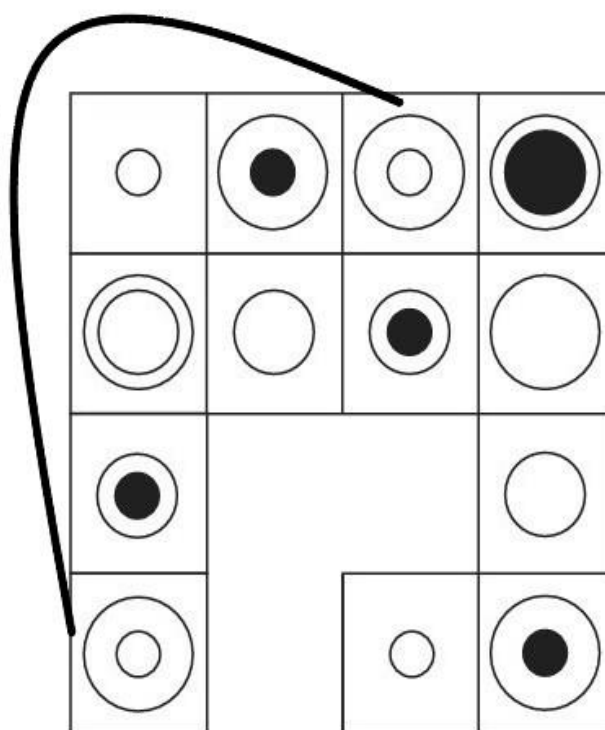6.
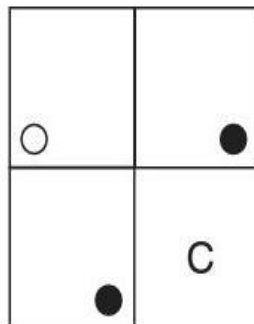
الفكره هنا بحذ كل خط
موجود زيه وبرحل الباقيه
ف المربع التانى

Which is the missing square?

A   B   C   D   E
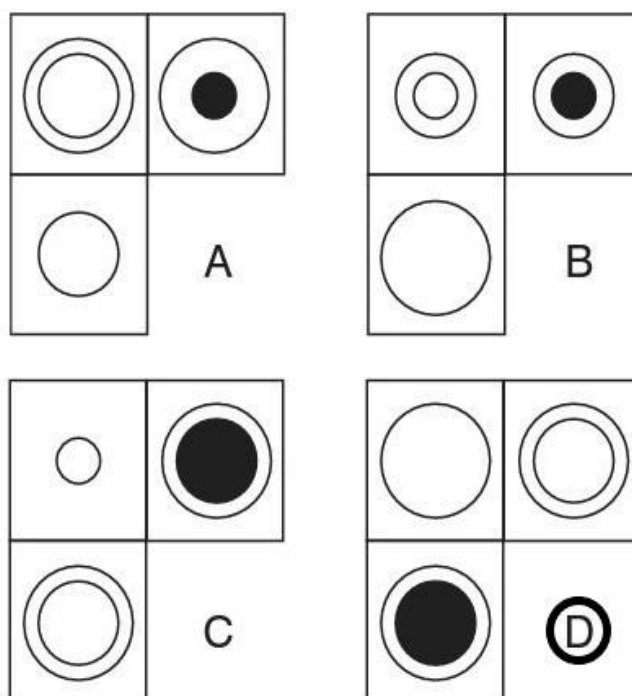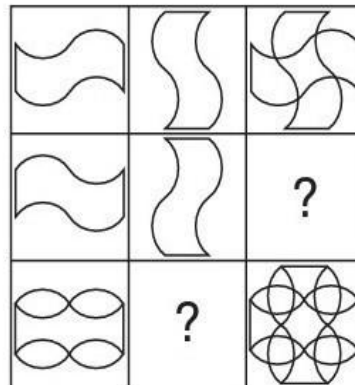
7.

العمود الاول هو نفسه العمود التالت بس بالمقلوب

Which is the missing section?

20.

المربع التالت من اليمين هو
مجموع المربعين اللى بعده

Which two squares are missing?

A

(B)

C

D

E

1.

+1 -2 +3 -4

50	51	49	52	48
46	47	45	48	44
49	50		51	
47		46		45
48		47	50	46

-4
+3
-2
+1

Which is the missing section?

A
49		47
49		48
48		

B
46		48
48		49
49		

C
49		48
48		49
47		

D
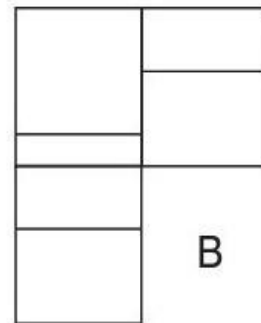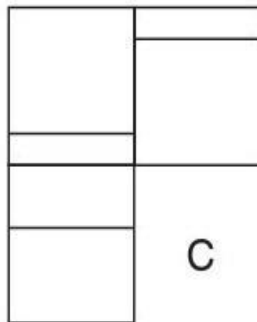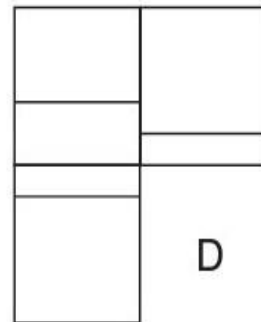| 48 | | 47 |
| 48 | | 49 |
| 49 | | |

29.

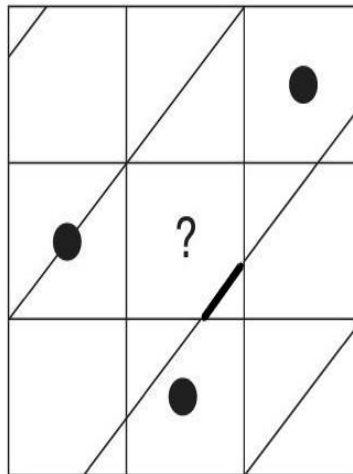Which is the missing section?
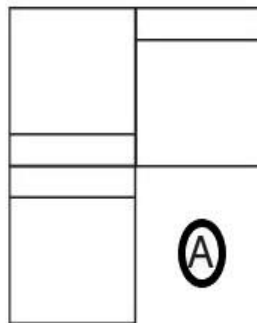
A

B

C

D

12.

Draw the contents of the middle tile in accordance with the rules of logic already established.

13. Insert numbers into the remaining blank squares so that the sums in each line and column are correct. All numbers to be inserted are less than 10.

9	÷	3	×	2	=	6
+	■	−	■	×	■	+
6	+	1	−	4	=	3
÷	■	+	■	−	■	÷
3	×	3	−	6	=	3
=	■	=	■	=	■	=
5	÷	5	+	2	=	3

3. 19, 20, 21, ?, ?, 26, 28, 32, 33, 40

الارقام الملونه بتزيد بطريقه 2-3-4-5

Which two numbers should replace the question marks?

الارقام باللون الاسود بتزيد زوجى 2-4-6-8   Answer **22 - 24**

---

14. 4. 45, 11.3. 41.3, ?. ?, 25.9. 33.9   باقى الارقام طرح 3.7

Which two numbers should replace the question marks?

الارقام باللون الاصفر تزيد بمقدار 7.3   Answer **37.6- 18.6**

---

4. 1, 2, 0, 3, ?, 4, ?   بيمشى مره عدد موجب ومره سالب 1-2-3-4

What two numbers should replace the question marks?

Answer **(-1) (-2)**

---

22. 34, 48, ?, 79, 96   بيزود 14-15-16-17

What number should replace the question mark?

Answer **63**

---

21. 105, 87, ?, 52, 35

What number should replace the question mark?

بيطرح 18 -17- 18 -17   Answer **70**

---

18. (12, 34,) 10, 11, 12, 5, 6 ,7, 13, 14, ?, ?

Logically, what two numbers should replace the question marks?
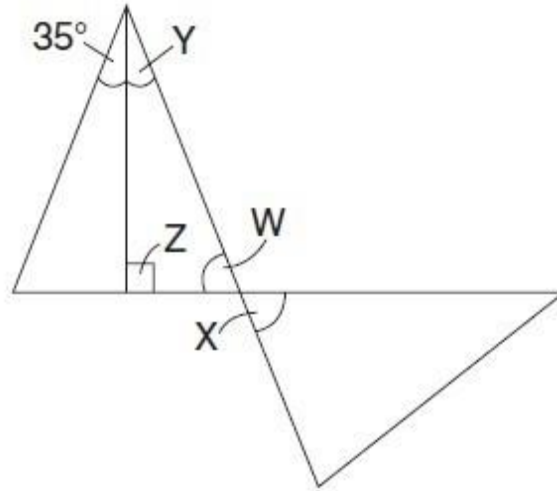
جمع الرقمين دول بيساوى الرقم التالت   Answer **14 - 15**

30. 10, 11, 13, 17, 25, ? , 73

What number should replace the question mark?

Answer | 41 | بيمشى بمضاعفات العدد يعنى مضاعف1=2
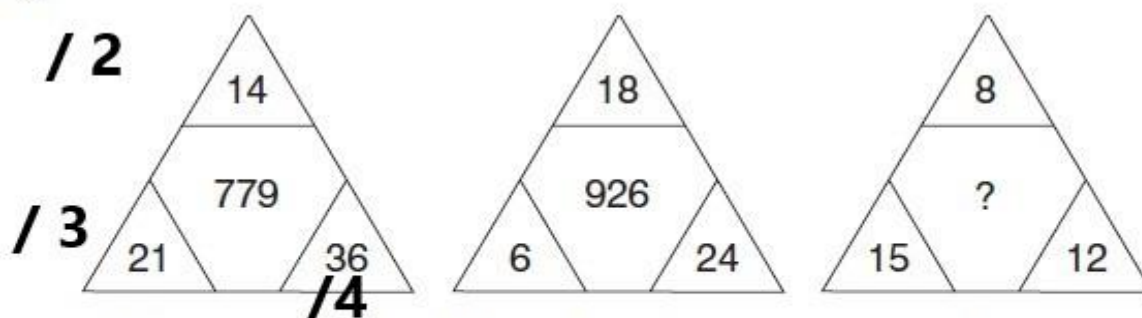ضعف 2=4 ضعف 4=8 ضعف 8=16

2.

What is the value of angle X?   Answer | 55 |

بما ان المثلث متساوى الساقين ومن خصائصه ان الزاويتين متساويتين
يبقى زاويه y تساوى 35 وبما ان زاويه (z) زاويه قائمه 90 درجه
ومجموع زوايا المثلث =180
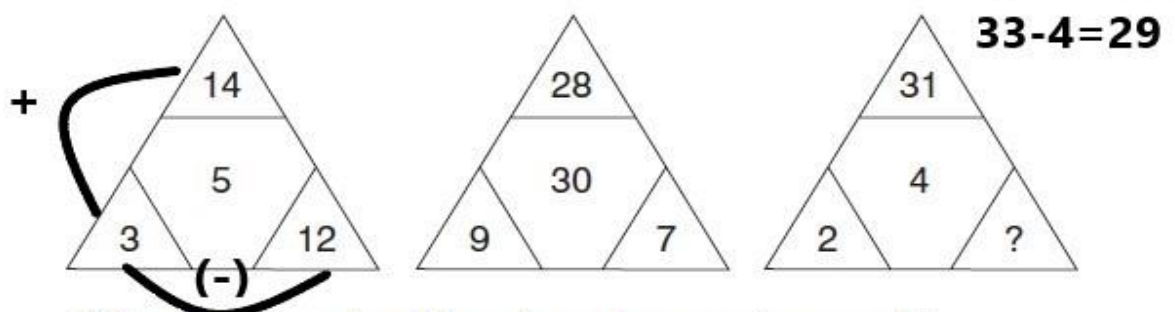هتبقى 90+35=125
180-125=55 وبالتقابل بالرأس هتكون زاويه X=55

3.

/ 2

/ 3

/4

14	18	8
779	926	?
21 ... 36	6 ... 24	15 ... 12

What number should replace the question mark?

Answer **453**

10.

31+2=33

33-4=29

+

(-)

14	28	31
5	30	4
3 ... 12	9 ... 7	2 ... ?

What number should replace the question mark?

Answer **29**

2.

x

/ 4
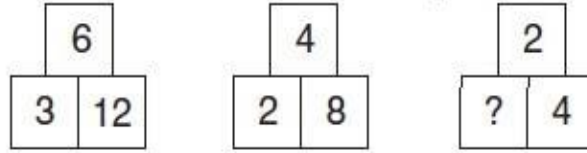
6 / 8 12   9 / 8 18   6 / 10 ?
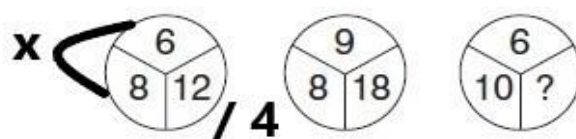
What number should replace the question mark?

Answer **15**

24.

<div dir="rtl">
ايه العدد اللى جذره 2 هو 4
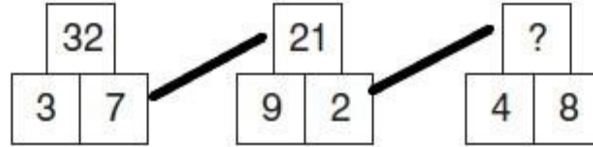ف اكيد هتكون مضروبه ف 1 عشان ناخد
جذر ال4 فيطلع الناتج 2
</div>

```
  6          4          2
3  12      2  8      ?  4
```

What number should replace the question mark?

<div dir="rtl">بيضرب الرقمين اللى تحت ف بعض وياخد لهم الجذر</div> Answer [1]
<div dir="rtl">يجيب الرقم اللى فوق</div>

25.

```
 32         21         ?
3  7       9  2       4  8
```

What number should replace the question mark?

Answer [18]

16.

′Ω X H Σ M Ψ ● ′Ω X H Σ M Ψ ○ ′Ω X H Σ
M Ψ ● ● ′Ω X H Σ M Ψ ○ ○ ′Ω X H Σ M ● ●
′Ω X H Σ M Ψ ○ ○ ○

Which two symbols are missing?

<div dir="rtl">بشوف الرموز الناقصه وبكملها</div> A ● ′Ω
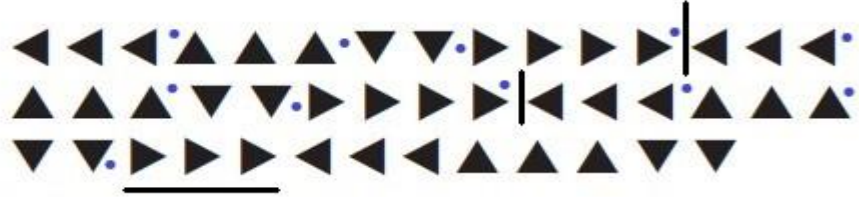<div dir="rtl">الافضل اكتبهم تحت بعض</div> B ○ ′Ω
C ′Ω X
Ⓓ Ψ ●
E ● Ψ

25.

Which symbol is missing?

A ▲
B ◀
C ▼
Ⓓ ▶

13.

Which two symbols are missing?

A ▲ §

Ⓑ ♀ ♫
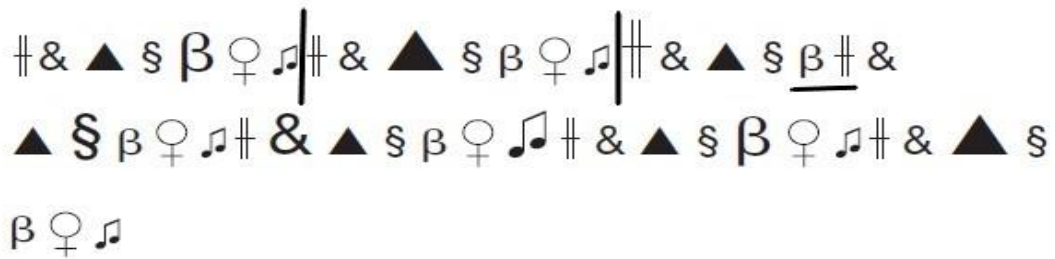
C § β

D & ▲

E & ▲

18.

▲ ▲̇▶ ▲ ▲̇▼ ▲ ▲̇◀ –| ▲ ▲ ▶ ▲
▲ ▼ ▲ ▲ ◀ —— ▲ ▲ ▶ ▲ ▲ ▼ ▲
▲ ◀ – – ▲ ▶ ▲ ▲ ▼ ▲ ▲ ◀
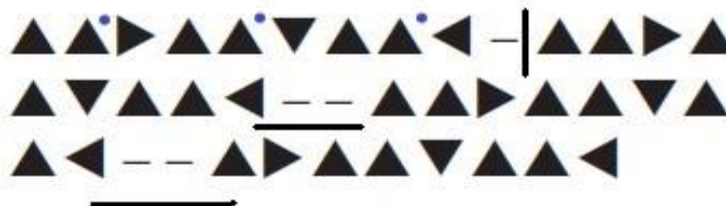
Which two symbols are missing?

A – –
Ⓑ – ▲
C ▲▲
D ▲ –
E ▼▲

9.

& $ * ? @ + # —| Ω & $ * ? @ + # —
Ω & $ * ? @ + # — Ω & ? @ + # —
Ω & $ * ? @ + # — Ω

Which two symbols are missing?

A & $
B * ?
Ⓒ $ *
D $ &
E * $

17.

$$*@?-\Omega\bullet\,\bullet\,|\,*@+?-\Omega\bullet$$

$$\bullet\,|\,*@+?-\Omega\bullet\,\bullet\,|\,*@+?-$$

$$\Omega\bullet\,\bullet\,|\,*@+?-\Omega\bullet\,\bullet$$

Which symbol is missing?

A ●

B Ω

C *

Ⓓ +

E •

3.

♪♦♫♥♪♣♫♠♪☺|♪♦♫♥♪♣♫♠♪☺♪♦♫♥♪♣♫

♠♪☺♪♦♫♥♪♣♫♠♪☺♪♦♫♥♪♣♫♠♪☺♪♦♫♥♪

♣♫♠♪☺♦♫♥♪♣♫♠♪☺♪♦♫♥♪♣♫♠♪☺♪♦♫♥

♪♣♫♠♪☺

Which symbol is missing?

A ☺
B ♫
C ♣
Ⓓ ♪
C ♥

16.

♠ ♠ ♣ ♥ ♠ ♦ ♥ ♥ ♣ ♣ ♠ ♠ ♦ ♠ ♠ ♣ ♥ ♠ ♦ ♥ ♥ ♣ ♣ ♠ ♠ ♦ ♠ ♠ ♣ ♥ ♠ ♦ ♥ ♥

♣ ♣ ♠ ♦ ♠ ♠ ♣ ♥ ♠ ♦ ♥ ♣ ♣ ♠ ♦ ♠ ♠ ♣ ♥ ♠ ♦ ♥ ♥ ♣ ♣ ♠ ♦

Which symbol is missing?

A ♠

B ♦

C ♣

Ⓓ ♥

---

6. Ω # − Ω Ω # # − ? Ω # − Ω Ω # # − = # Ω #

− Ω Ω # # − ? Ω # − Ω Ω # # − = # Ω # − Ω

Ω # # − ? Ω # − Ω Ω # # − Ω # − Ω Ω # # − ?

Ω # − Ω Ω # # − = #

Which two symbols are missing?

a. Ω #   b. − Ω   c. # #   Ⓓ = #   e. − =

21.

1   3   2   2   3   1

○●●●○○●●○○○●○●●○●●○○○●○●●●●○○●○●●○○

○●○●●●○○●●○○○●○●●●○●○○●●○○○●

Which two symbols are missing?

A ○●

B ○○

Ⓒ ●○

D ●●

31

21.

2　　**3**　　　**4**　　　**3**

&&●&&&○&&&&●&&&○&&●&&&○&&&&

●&&&○&&●&&&○&&&&●&&&○

&&&○&&&&●&&&○

Which three symbols are missing?

A &●&

B ●&&

C &&&

(D) &&●

E &○&

2. Which is the odd one out?

A Σ ↕⊢Ƒ Ƙ¶ § £ & $ ♀ ◙

B Ƙ ⊢Σ §♀&◙ $ £ ¶ Ƒ↕

C Ƒ §◙$⊢Ƙ↕& Σ ¶£♀

الرمز الى تحته خط
مكرر مرتين

(D) ◙♀↕£⊢$ Ƙ ¶Σ § Ƒ£

E &◙Ƒ♀§↕Σ £ ¶⊢Ƙ$

13. Which is the odd one out?

A   %%%@+***$*++$$

B   *$*++$$%%%@+**

C   %@+***$*++$$%%

(D) $%%%@+***$+*+$ الترتيب مختلف

E   +$$%%%@+***$*+

---

13. Which is the odd one out?

A ▲▲▼▶▶◀▲▼▶▶◀▼▲▼▲

(B) ▶◀▼▲▼▲▶◀▲▼▶▶▲▲▼

C ▶▶◀▲▼▶▶◀▼▲▼▲▲▲▼

D ▶◀▼▲▼▲▲▲▲▼▶▶◀▲▼▶▶

E ▶◀▲▼▶▶◀▼▲▼▲▲▲▼▶

---

1. Which is the odd one out?

A ¥«£¢µ¶▶*

(B) Πµ¶£▶Ω✿♪

C Ω&Π✿♪flµ¶

D *▶¶µ¢£«¥

E ¶µfl♪✿Π&Ω

18. Which is the odd one out?

A ⊓ ⊔ ⊣ ⊢⊣ ⊓ ⊣⊢

B ⊣⊢⊣ ⊓ ⊢ ⊢⊣ ⊓ ⊔

Ⓒ ⊓ ⊔ ‡ ‡ ⊢⊣⊢ ⊢ ⊓ ⊢ ⊤⊤⊤

D ⊔ ⊤⊢⊢ ⊢⊢ ⊢ ⊔ ⊢⊢ ‡ ⊤

E ⊢ ⊔ ⊢⊢ ‡ ⊤ ⊔ ⊓ ⊢⊢ ⊢

---

15. Which is the odd one out?

A ◀#●&*▼#◀◀Ω●○○▶◀◀

c هى نفسها a ◀#●&▼
▼#Ω●○○▶◀

B ◀#●&*▼▼#◀◀Ω●○***○▶◀◀
◀#●&▼
▼#Ω●○○▶◀

E هى نفسها c C ◀#●&*▼▼#◀◀Ω●○***○▶◀◀
◀#●&▼
▼#Ω●○○▶◀

Ⓓ ◀#●&*▼▼#◀◀Ω●○○▶◀◀
◀#●&▼
▼#Ω●○○▶◀

E ◀#●&*▼#◀◀Ω●○○▶|◀◀
◀#●&▼
▼#Ω●○○▶◀
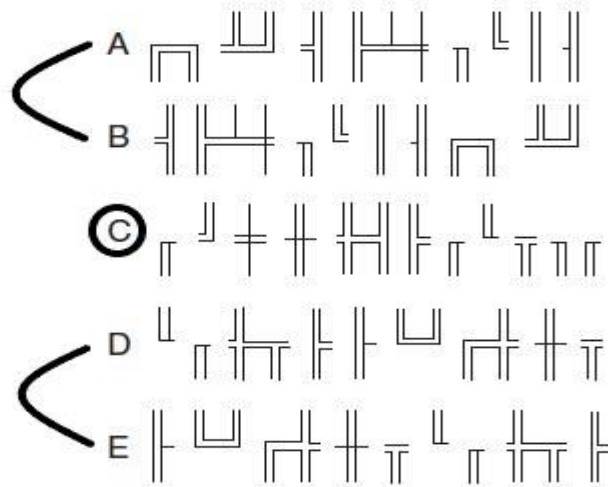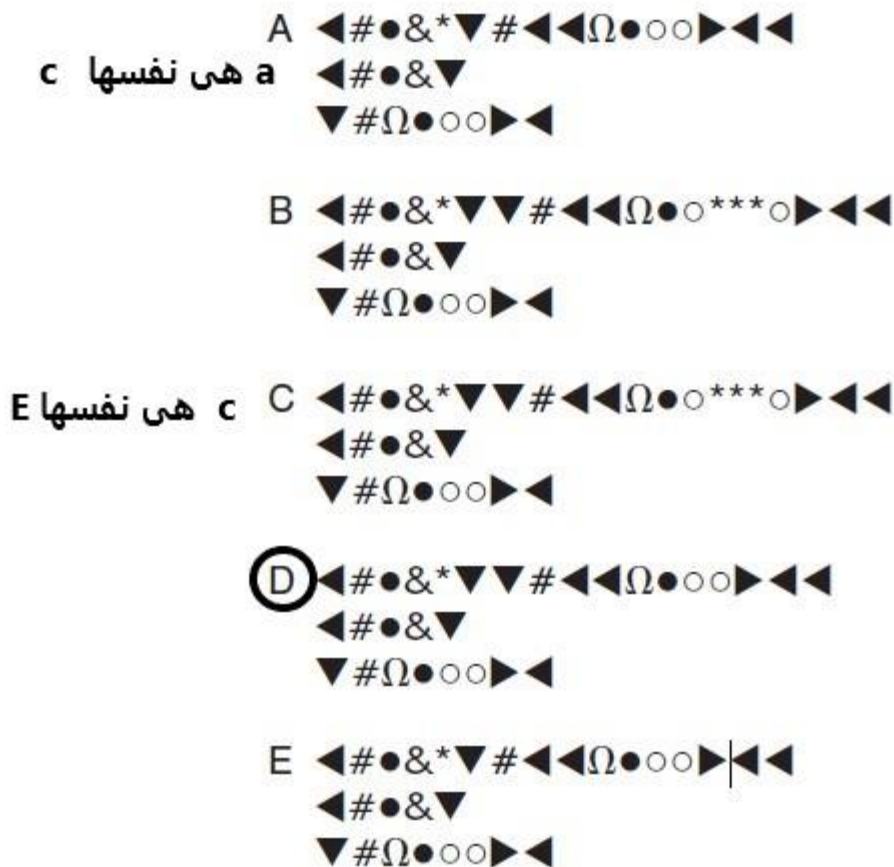
26. Which is the odd one out?

A

B

C

D

E
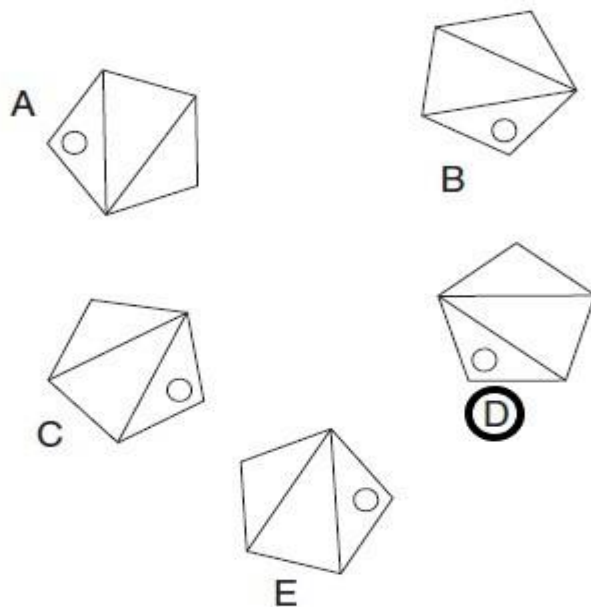
الاشكال كلها لما تتعكس الدائره ف
اتجاه اليمين ما عدا
D

10. Which is the odd one out?

A

B

C

D

E
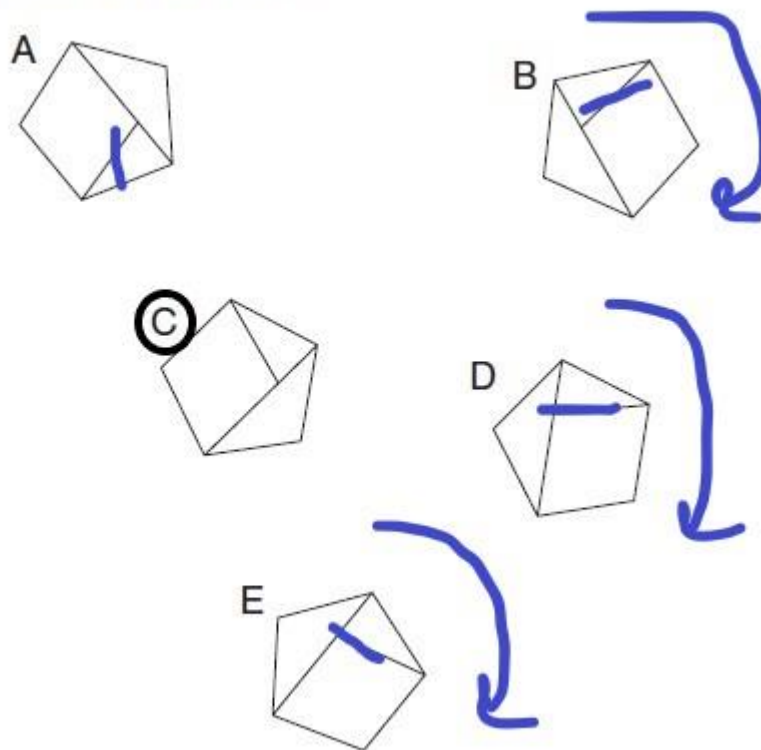
22. Which is the odd one out?
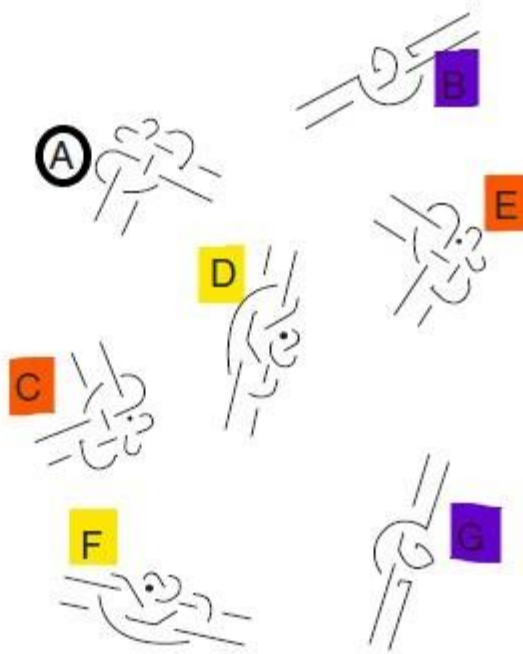
A

B

C

D

Ⓔ
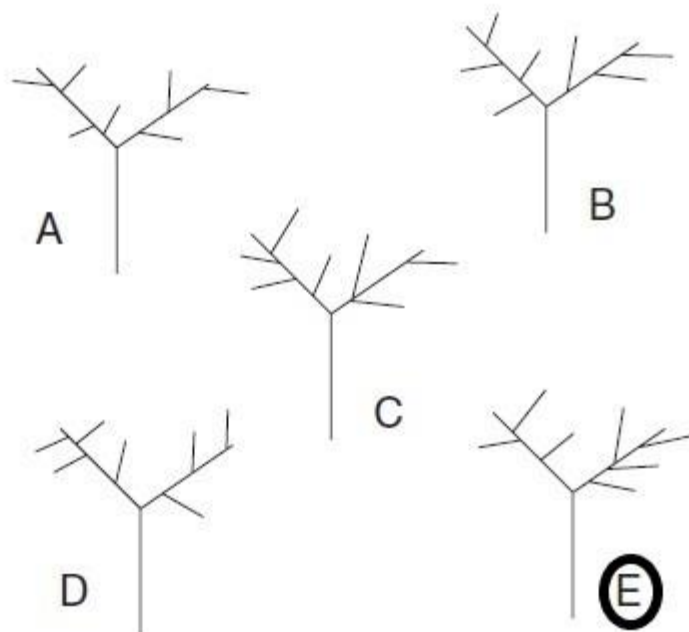
كل فرع ايمن ف 3 غصون
والشمال ف اربع غصون

6. Which is the odd one out?

نفس الشكل باستثناء
انه بيعكس الون الدوائر

A

B

Ⓒ
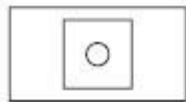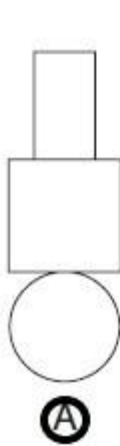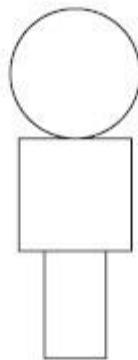
D

E
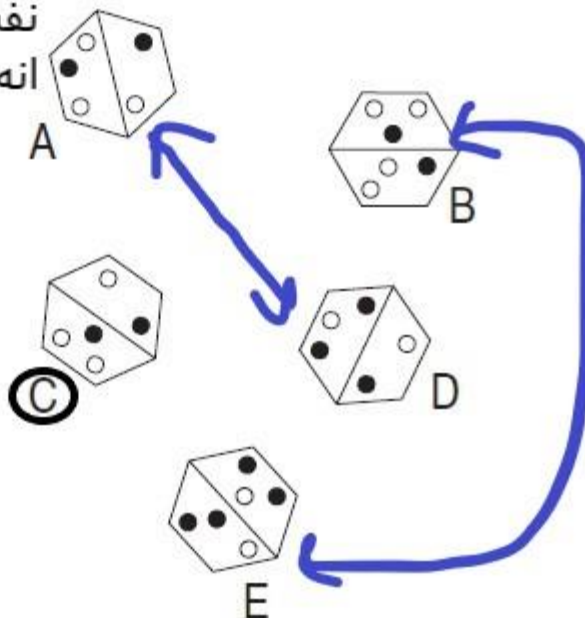
19. Which is the odd one out?

13.

is to:

as:

is to:
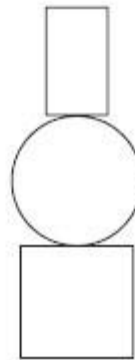
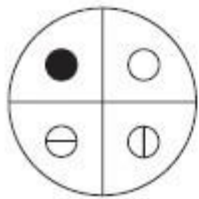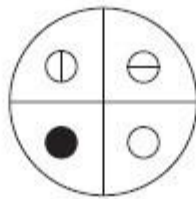| A | B | C | D | E |

4.

is to:

as:

is to:

A   B   C   D   E

F

5.

is to:

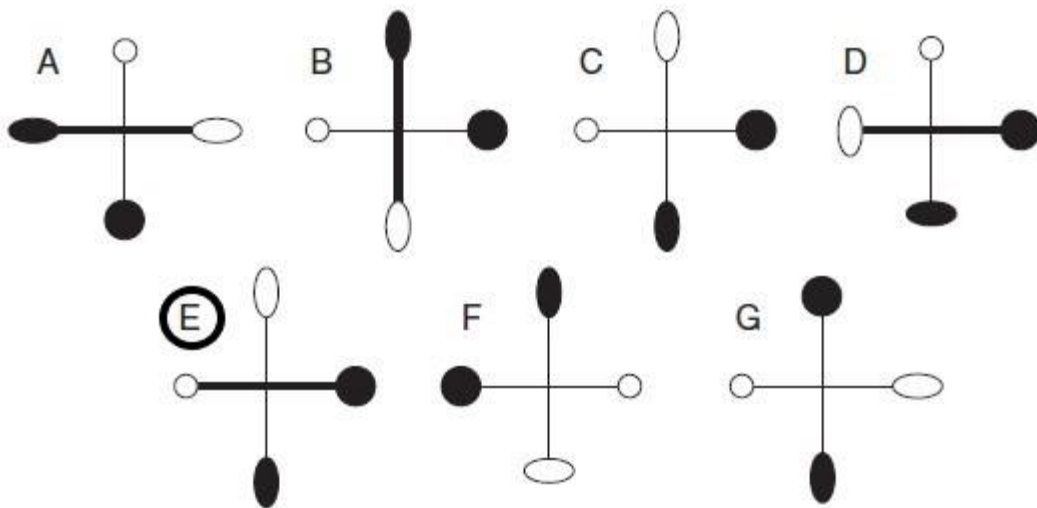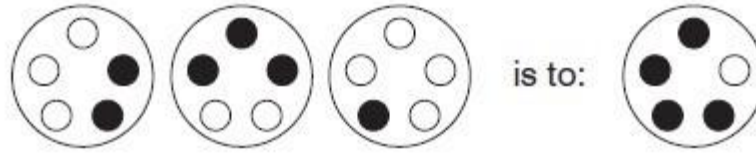as:

is to:

A   B   C   D

E   F   G

20.

is to:

as:
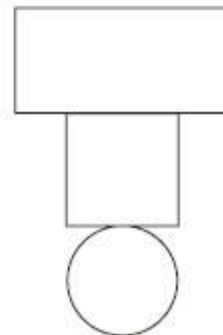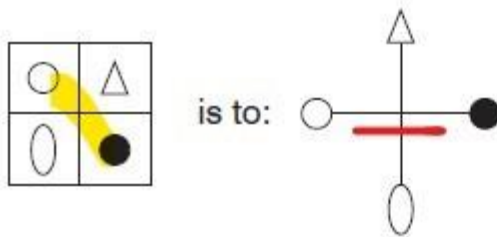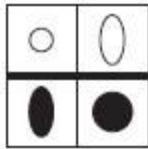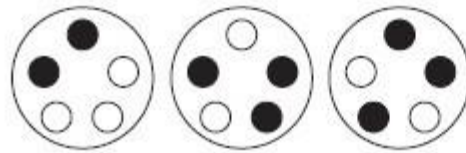
كل دائره مفرغه بتروح مظلله
وكل دائره مظلله بتروح مفرغه

is to:

A   B   C   Ⓓ   E

---
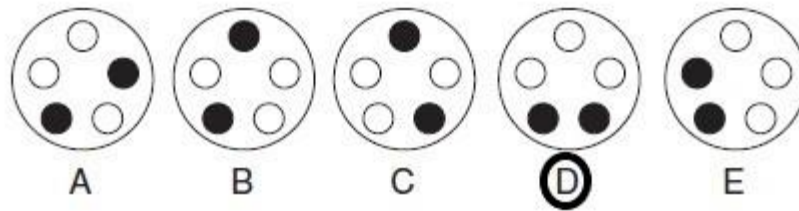
7. 10, 50, 13, 45, 18, 38, ?, ?   ف اللون الاصفر مشى 3-5-7

What two numbers should replace the question marks?
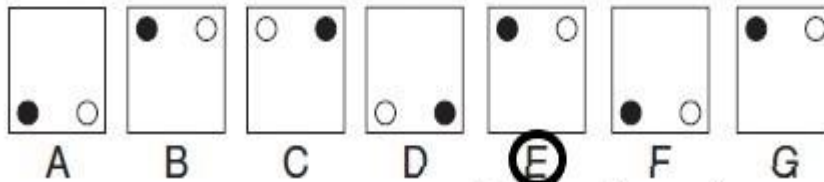
بيطرح اعداد فرديه 5-7-9   Answer   **29- 25**

ال (.) المظلله بتمشى مع عقارب الساعه

20. Which does not belong in this sequence?

A   B   C   D   Ⓔ   F   G

ال(.) المفرغه بتمشى عكس عقارب الساعه

18. Which does not belong in this sequence?

A   (B)   C   D   E   F
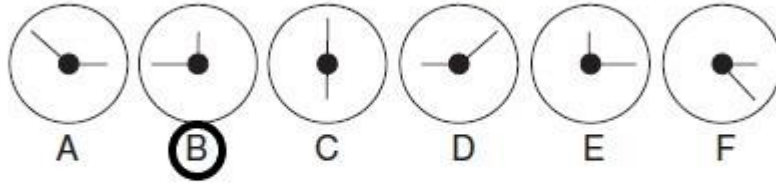
ف اتجاه عقارب الساعه العقرب الكبير بيتحرك 45 درجه
ف اتجاه عقارب الساعه العقرب الصغير بيتحرك 90 درجه

26. Which does not belong in this sequence?

A   B   (C)   D   E   F   G
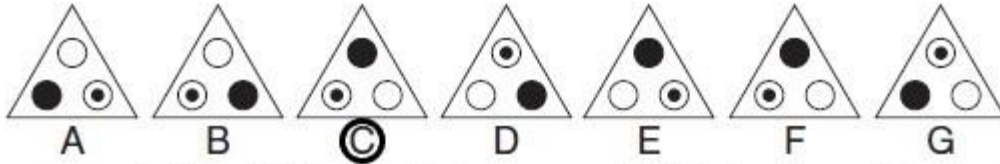
بيبدل الدائره المظلله مع اللى فيها نقطة وبعدين يبدل اللى فيها نقطه مع المفرغه

30.

    ?

What comes next in the above sequence?

A   B   C   D   (E)

انعكاس الاشكال كانهم قدام مرايا

42

11.

```
    6 4 2          2 8 5
    9 8 7   is to  8 7 3
    3 9 4          3 6 1
```

طرح العمود الاول من 1
6-1=5 / 9-1=8 /3-1=2

```
as  4 9 6   is to  7 2 3
    3 7 2          ? ? ?
    8 5 3          ? ? ?
```

Answer | 468 - 215

---

29.   12348   is to   32418

and   12489   is to   84129

and   24567   is to   57624

therefore   12789   is to   ?

Answer | **28917**

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26. 63 (97) 49   /7

56 (73) 24   /8

? (36) 54   /9

اى العدد اللى اقسمه ع 9 يدينى3
27

What number should replace the question mark?

Answer | **27**

43

7.

3	2	8	4
7	6	9	3
9	5	6	4
2	1	9	?

العمود الاول ضرب التالت يعطينى التانى والرابع

What number should replace the question mark?

Answer **18**

11.

بيرتب الاعداد الزوجيه تنازلى
يعنى 6 ثم4ثم2

الاعداد الفرديه تصاعدى

23694   is to   64239

and   821543   is to   842135

therefore   72915638   is to   ?

Answer **86213579**

4. Insert the numbers listed into the circles so that – for any particular circle – the sum of the numbers in the circles connected to it equals the value corresponding to that circled number in the list. For example:
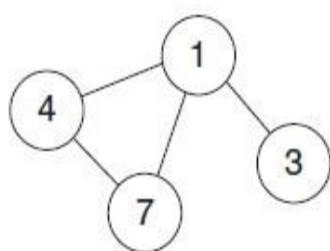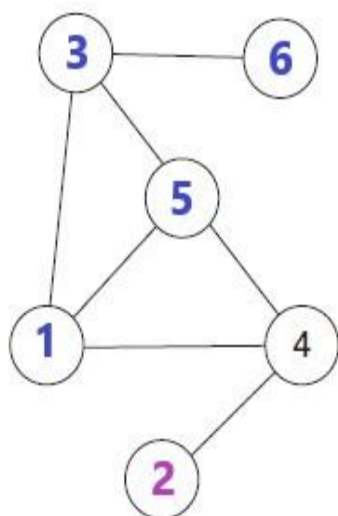

$$1 = 14 \ (4 + 7 + 3)$$

$$3 = 1$$

$$4 = 8 \ (1 + 7)$$

$$7 = 5 \ (1 + 4)$$

الفكره بتاعتها بتشوف كل دائره متصله بكام واحده وبيكون جمعهم هو الناتج

$$1 = 12$$

$$2 = 4$$

$$3 = 12$$

$$4 = 8$$

$$5 = 8$$

$$6 = 3$$

ايه الرقم اللى قيمته 4هو 2

4 قيمتها كام 8 طيب اخدنا منهم كام 2 يتبقى 6 اللى هو 5+1

5 قيمتها كام 8 خدت منها 4+1 اللى هما الدائرتين المتصلين بيها يتبقى 3

كده عاوزين رقم قيمته 3 اللى هو 6

8. Insert the numbers listed into the circles so that – for any particular circle – the sum of the numbers in the circles connected to it equals the value corresponding to that circled number in the list. For example:
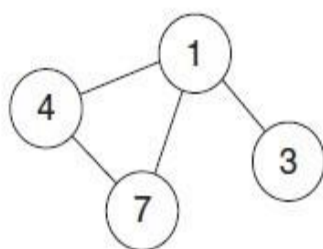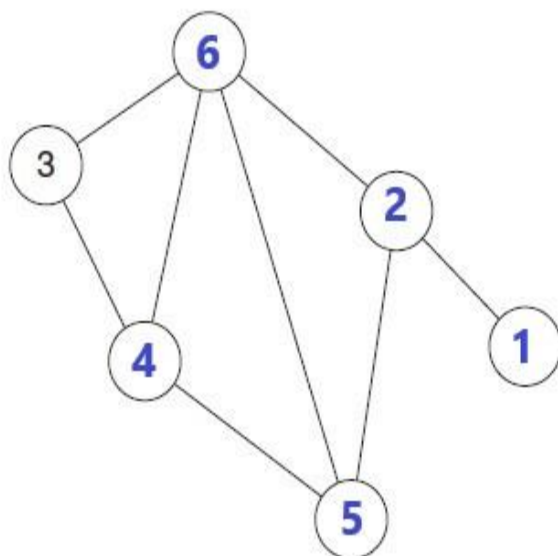

$$1 = 14 \ (4 + 7 + 3)$$

$$3 = 1$$

$$4 = 8 \ (1 + 7)$$

$$7 = 5 \ (1 + 4)$$

$$1 = 2$$

$$2 = 12$$
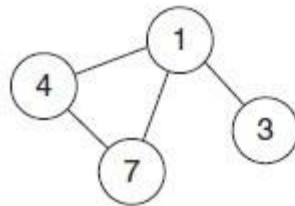
$$3 = 10$$

$$4 = 14$$

$$5 = 12$$

$$6 = 14$$

عطيني 3اللى قيمتها10
يعني 4+6

4 قيمتها 14عندى منها
3+6=9
محتاج 5

5قيمتها 12معاي منهم
4+6=10 يعني محتاج
2

26. Insert the numbers listed into the circles so that – for any particular circle – the sum of the numbers in the circles connected to it equals the value corresponding to that circled number in the list. For example:
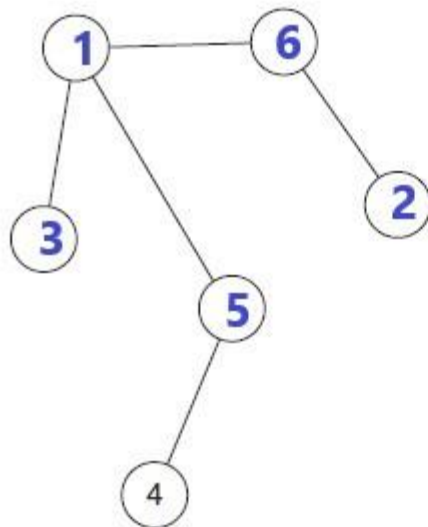

$1 = 14 \ (4 + 7 + 3)$

$3 = 1$

$4 = 8 \ (1 + 7)$

$7 = 5 \ (1 + 4)$

$1 = 14$

$2 = 6$

$3 = 1$

$4 = 5$

$5 = 5$

$6 = 3$

عندى 4 قيمتها5
هحطها ع طول

قيمه 5 تساوى5 معايا
منها 4 يتبقى 1

1 قيمته 14 هحط 6
وبعدين 3