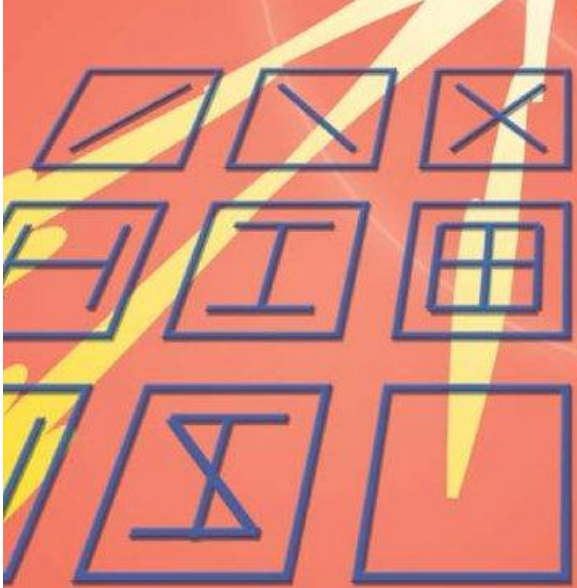


IQ Puzzles



Over **500**
Mind-benders &
Brainteasers



Joe Cameron

IQ Puzzles

IQ puzzles

Joe Cameron



This edition published in 2007 by Arcturus Publishing Limited
26/27 Bickels Yard, 151–153 Bermondsey Street,
London SE1 3HA

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ISBN: 978-1-84193-816-5

Printed in China

Typeset by MATS, Southend-on-Sea, Essex

IQ puzzles

Welcome to **IQ Puzzles**, a collection of over 500 puzzles to challenge and test your mental agility and problem-solving powers.

The book is organised into twenty levels of ascending difficulty – the first chapters are easier than the later ones. Each level is clearly marked down the side of the page. We advise that you work through each one in a methodical order and resist the temptation to dip in and out at random. If you find the first few chapters easy, please be patient and use them as a warm-up exercise for the more challenging puzzles later on.

When you finish each chapter take time to study the answers and go back over the questions until you fully understand the logic behind them. You will find, as you progress through the book, that certain mathematical patterns seem to re-occur or visual clues overlap. Be warned: these can help but just when you think you can recognize a pattern it changes!

Think laterally, don't just look at the obvious, look at the puzzles from all angles. The rewards can be hours and hours of fun.

Over the page we have listed a few tables which you might find helpful. These contain some basic mathematical formulas to help you do battle with the puzzles.

Good luck and enjoy!

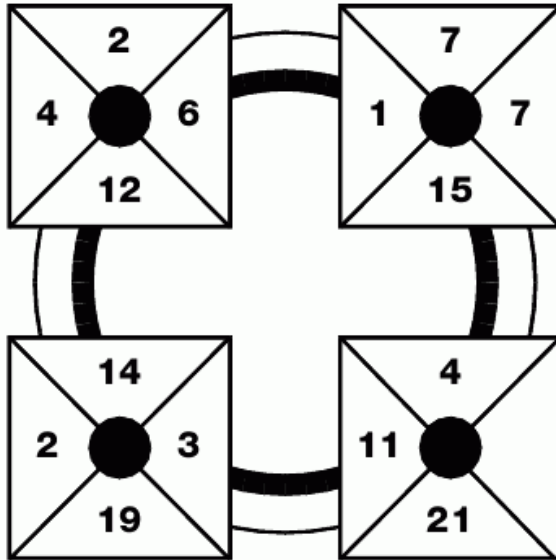
Multiplication Table

	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

	Cube Numbers	Square Numbers	Numerical Values	Prime Numbers
1	1	1	1 A 26	2
2	8	4	2 B 25	
3	27	9	3 C 24	3
4	64	16	4 D 23	
5	125	25	5 E 22	5
6	216	36	6 F 21	
7	343	49	7 G 20	7
8	512	64	8 H 19	
9	729	81	9 I 18	11
10	1000	100	10 J 17	
11	1331	121	11 K 16	13
12	1728	144	12 L 15	
13	2197	169	13 M 14	17
14	2744	196	14 N 13	
15	3375	225	15 O 12	19
16	4096	256	16 P 11	
17	4913	289	17 Q 10	23
18	5832	324	18 R 9	
19	6859	361	19 S 8	29
20	8000	400	20 T 7	
			21 U 6	
			22 V 5	
			23 W 4	
			24 X 3	
			25 Y 2	
			26 Z 1	

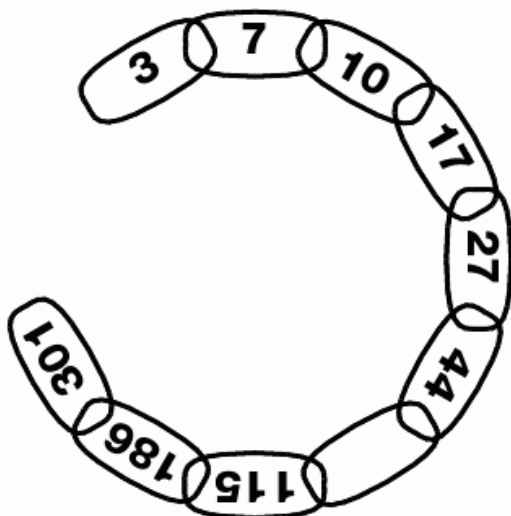
**1
PUZZLE**

Which number replaces the blank and completes the sequence?



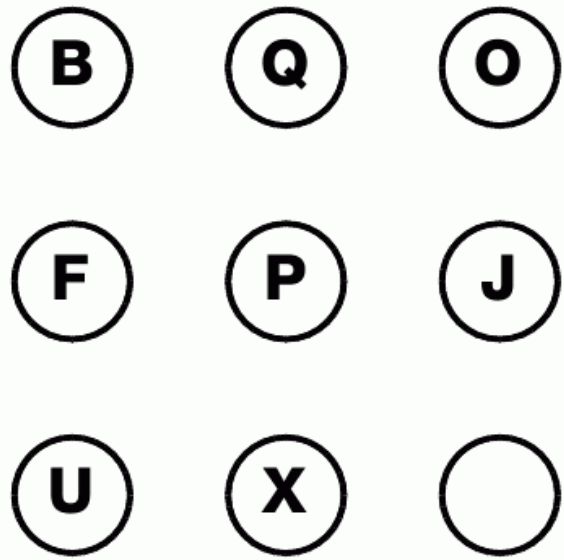
**3
PUZZLE**

Which number is missing from the chain?



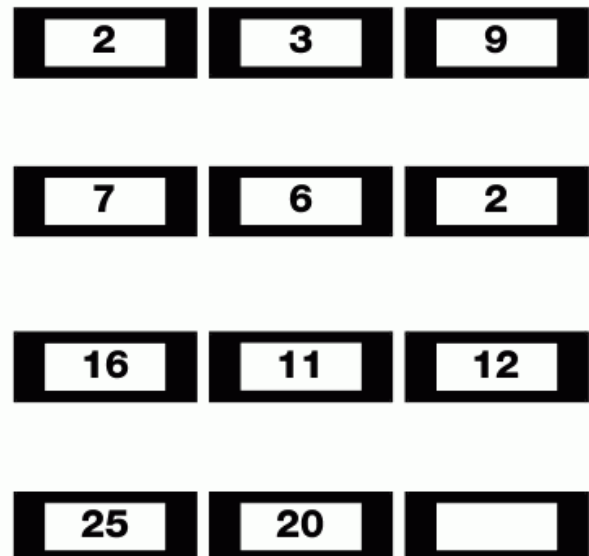
**2
PUZZLE**

Which letter replaces the blank and completes the puzzle?



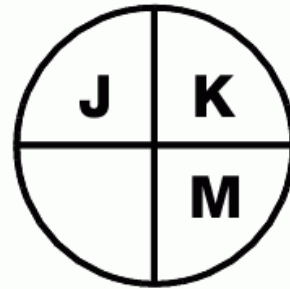
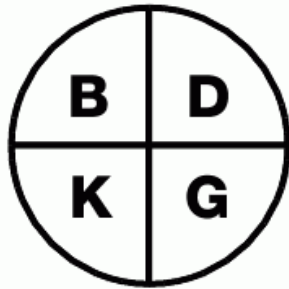
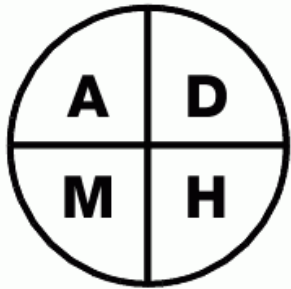
**4
PUZZLE**

Which number goes in the empty box?



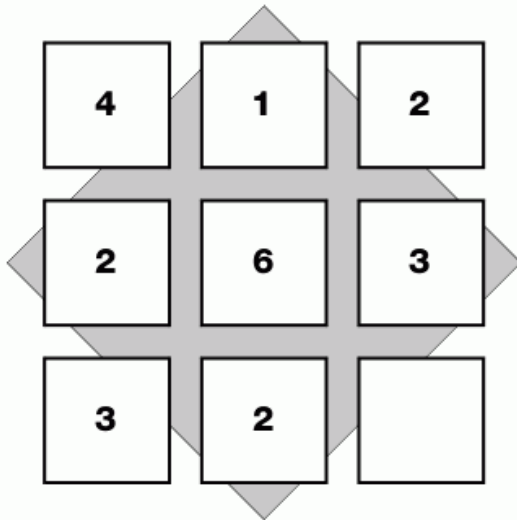
5
PUZZLE

Which letter completes the third circle?



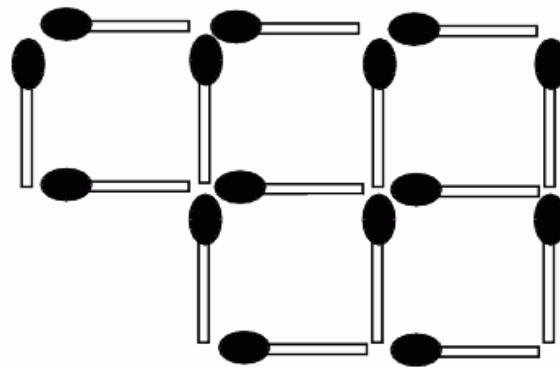
6
PUZZLE

Which number goes in the empty box?



7
PUZZLE

Remove three matches to leave just three squares.



8
PUZZLE

Which letter follows next?



**9
PUZZLE**

Which letter goes in the empty square?

B	G	F
J	L	O
L	S	

**11
PUZZLE**

Which number replaces the blank and completes the sequence?

7	2	9
	3	12
12	4	16

**10
PUZZLE**

Following a logical pattern, complete this puzzle.

5	3	8
4	9	13

2	7	9
3	1	4

3	6	9
7	1	

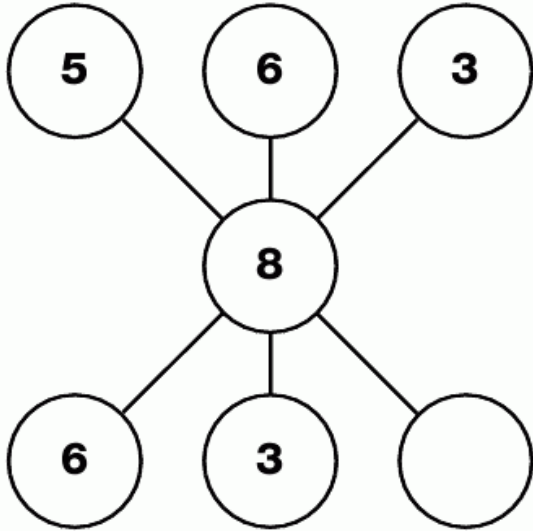
**12
PUZZLE**

Which number is missing?

3	9	3
5	7	1
7	1	

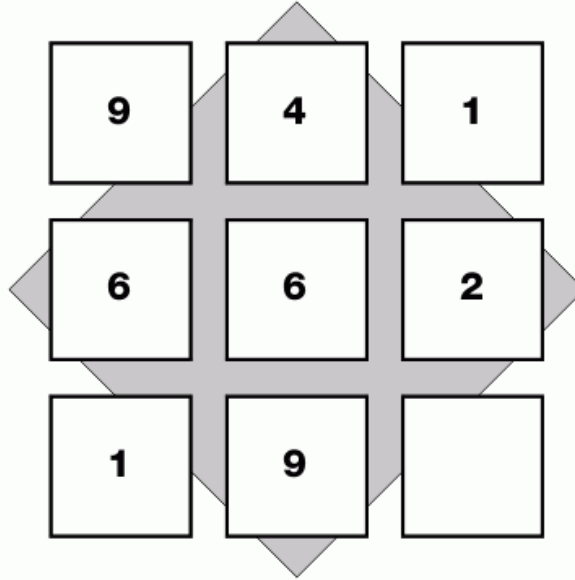
13 PUZZLE

Which number replaces the blank and completes the sequence?



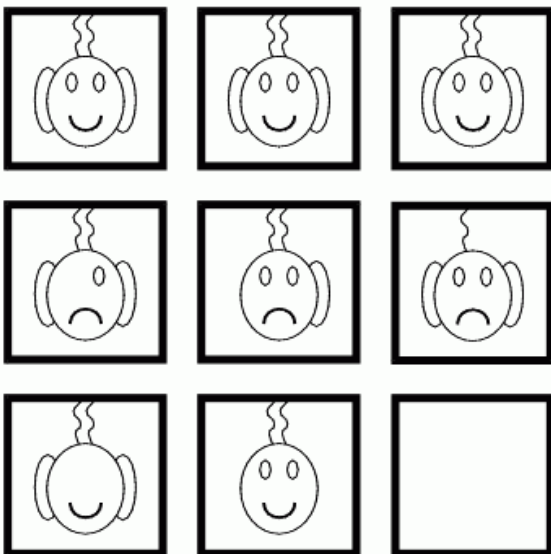
14 PUZZLE

Which number is missing from this sequence?



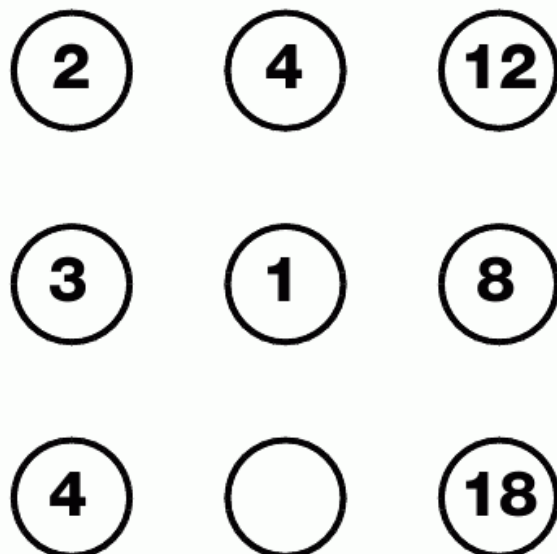
15 PUZZLE

Draw the face in the empty box which continues this pattern.



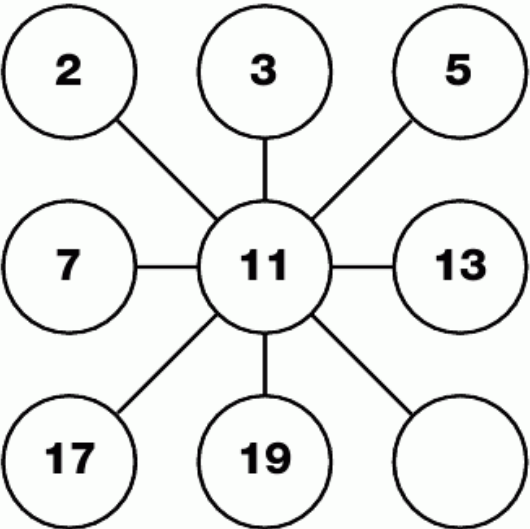
16 PUZZLE

Which number goes in the empty circle?



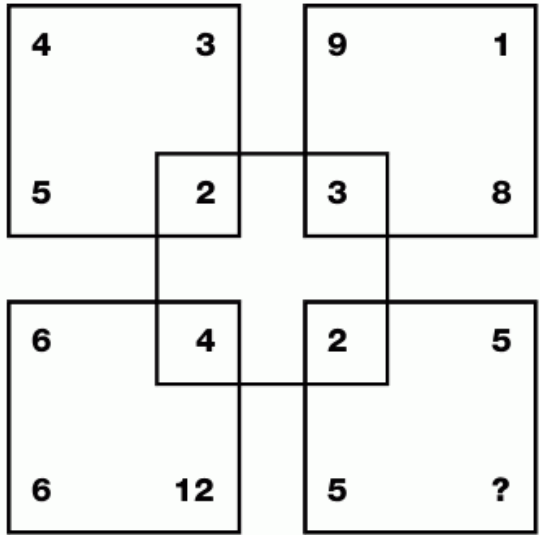
17
PUZZLE

Which number completes the puzzle?



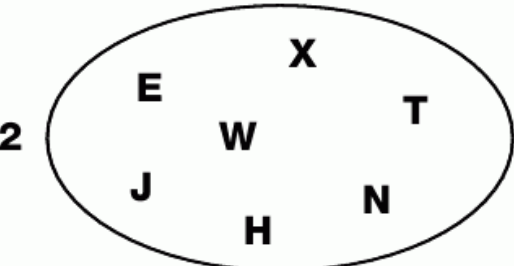
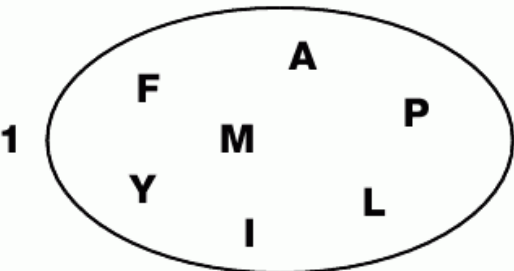
18
PUZZLE

Which number replaces the question mark in the bottom square?



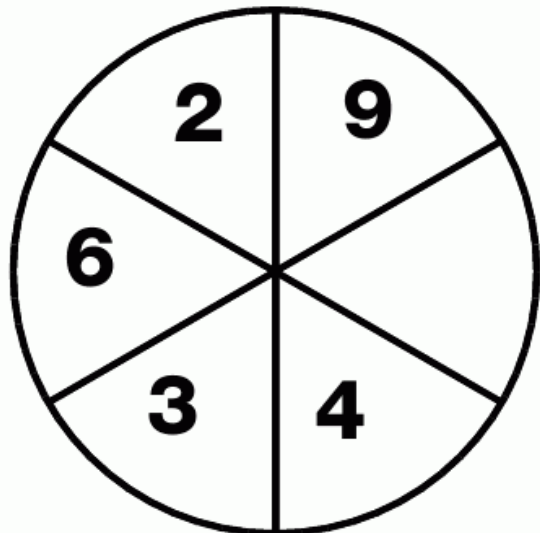
19
PUZZLE

Which letter is the odd one out in each shape?



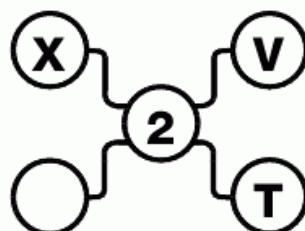
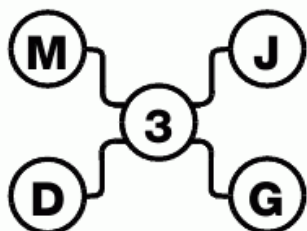
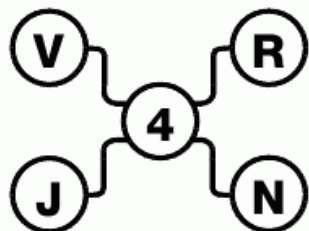
20
PUZZLE

Which number is missing from the empty segment?



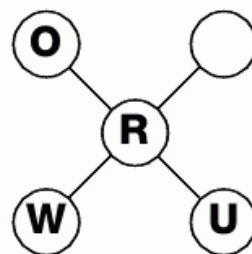
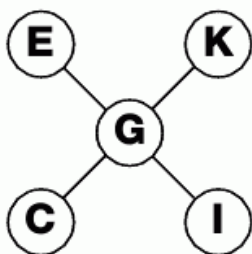
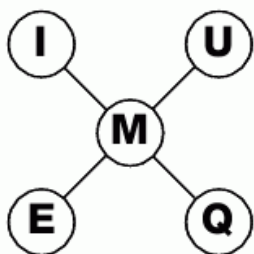
**21
PUZZLE**

What is missing from the last grid?



**22
PUZZLE**

Can you work out which letter is missing?



**23
PUZZLE**

Enter the correct number into the empty square.

4	9	20
8	5	14
10	3	

**24
PUZZLE**

Following a logical pattern, complete this puzzle.

1	5	7	13
15	5	4	6
3	8	2	13
12	5	2	

LEVEL 1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

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27

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30

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32

33

34

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46

47

48

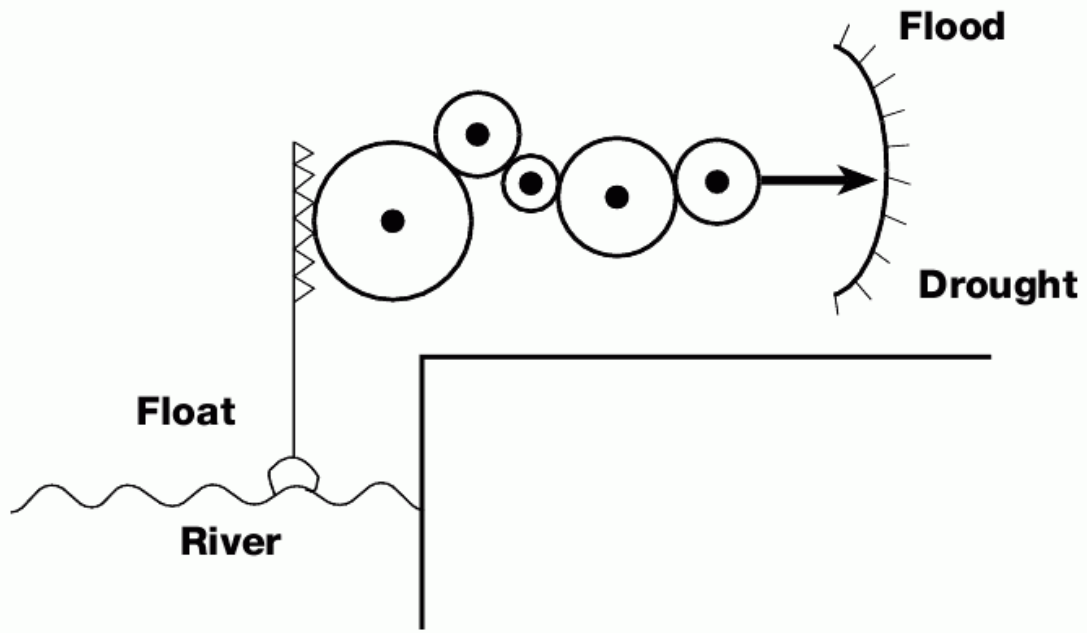
49

50



25
PUZZLE

By following this series of cogs attached to the float, can you work out if the flood warning works correctly?



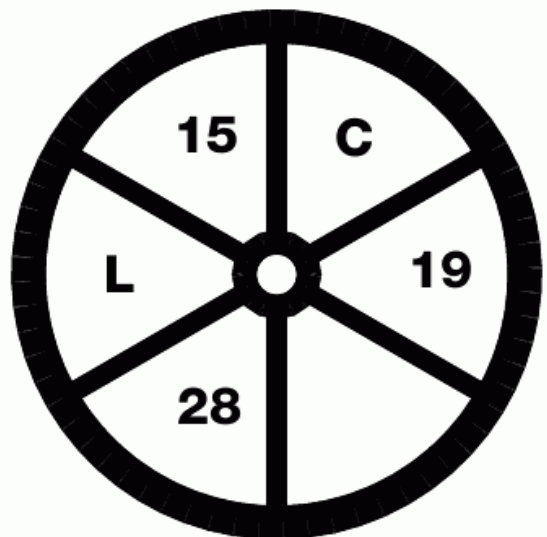
26
PUZZLE

Which letter replaces the blank and completes the sequence?

H	N	T
O	S	W
V		Z

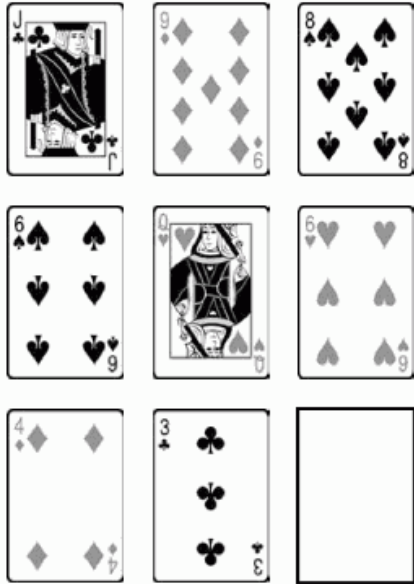
27
PUZZLE

What is missing from the empty segment of the wheel?



28
PUZZLE

Which playing card completes the sequence?



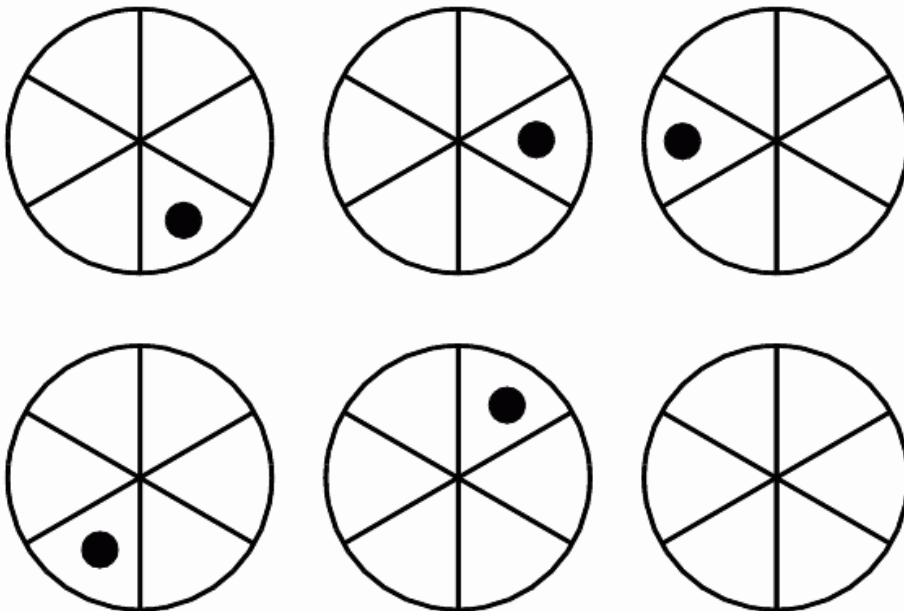
29
PUZZLE

Which two letters are missing?



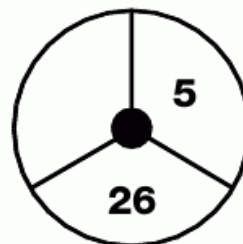
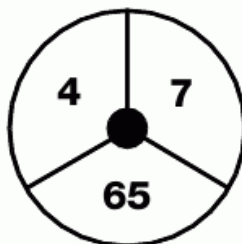
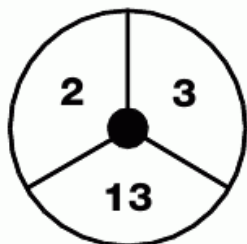
30
PUZZLE

Draw the dot in the correct segment of the last circle.



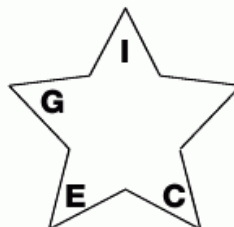
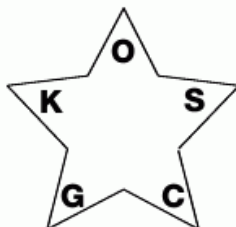
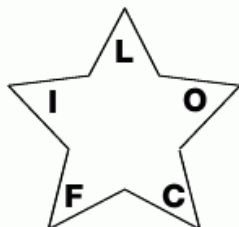
31
PUZZLE

Which number is missing from the third circle?



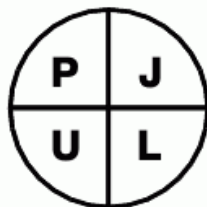
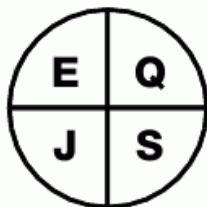
32
PUZZLE

Complete the last star.



33
PUZZLE

Which two letters will complete this puzzle?



**34
PUZZLE**

Which number is missing?

3	5	2
6	11	5
2	9	

**35
PUZZLE**

Which number fits into the empty link?

**36
PUZZLE**

Which letter completes the sequence?

K	Q	F
R	Y	G
M	B	K
O	E	

**37
PUZZLE**

Which number goes in the centre?

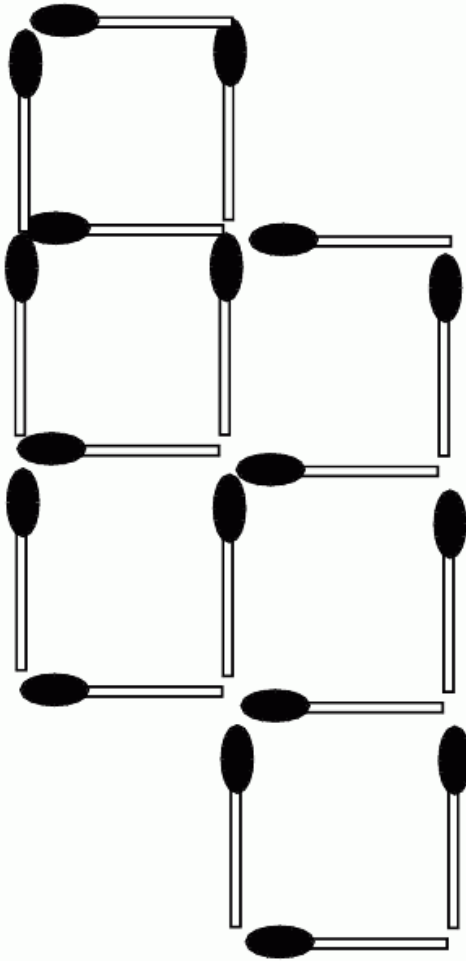
6	9	11
21		12
18	17	15

L
E
V
E
L



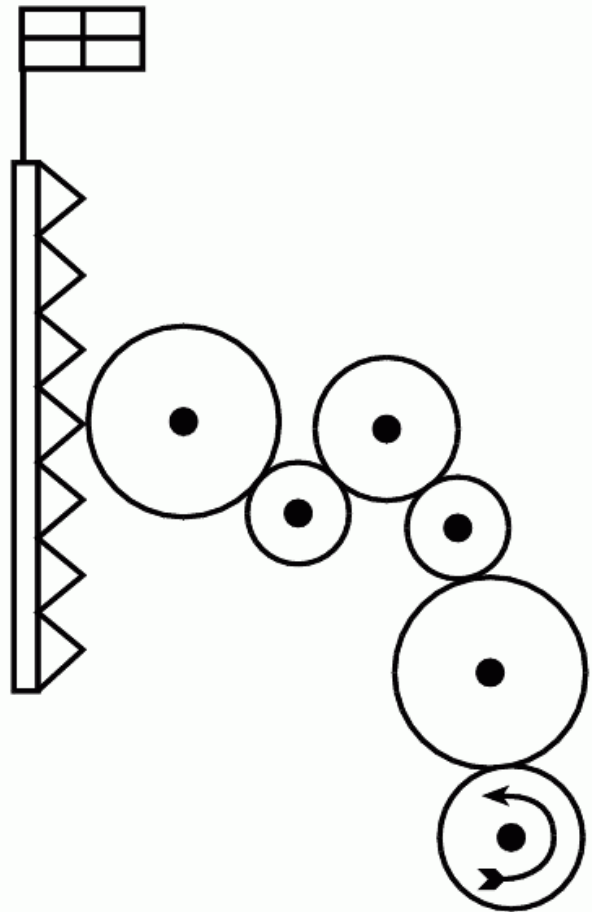
**1
PUZZLE**

Remove two matches to leave just four squares.



**2
PUZZLE**

If the bottom cog is turned anticlockwise will the flag at the top be raised or lowered?



**3
PUZZLE**

Which number continues this sequence?

- 18**
- 20**
- 24**
- 32**
-

**4
PUZZLE**

Which number will complete this teaser?

10	8	6
3	7	11
2		4

**6
PUZZLE**

Which number is missing from the box?

8	3	4
1	5	
6	7	2

**5
PUZZLE**

Which letter goes into the last square of the bottom grid?

B	H	J
K	F	Q

T	A	U
G	H	O

L	N	Z
R	C	

**7
PUZZLE**

Fill in the final box to complete the sequence.

D	W
---	---

2	7
---	---

U	L
---	---

3	3
---	---

G	O
---	---

2	
---	--

L
E
V
E
L

2

**8
PUZZLE**

Which letter is missing from the last star?



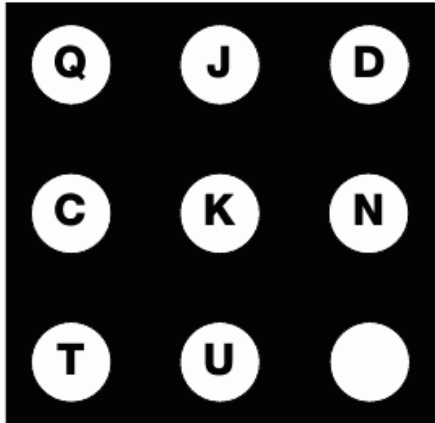
**9
PUZZLE**

Which letter replaces the blank and completes the sequence?



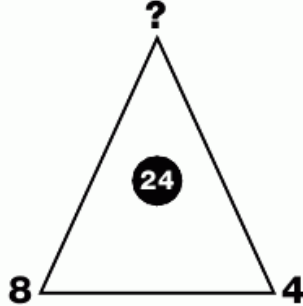
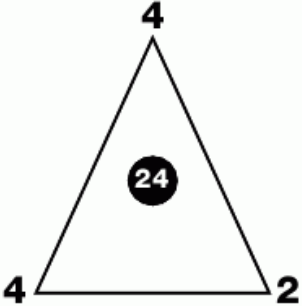
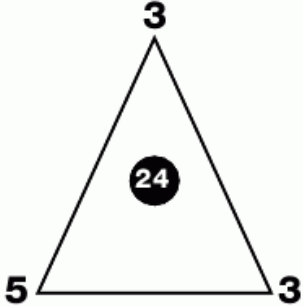
**10
PUZZLE**

Which letter goes in the empty circle?



**11
PUZZLE**

Which number completes the last triangle?



12 PUZZLE

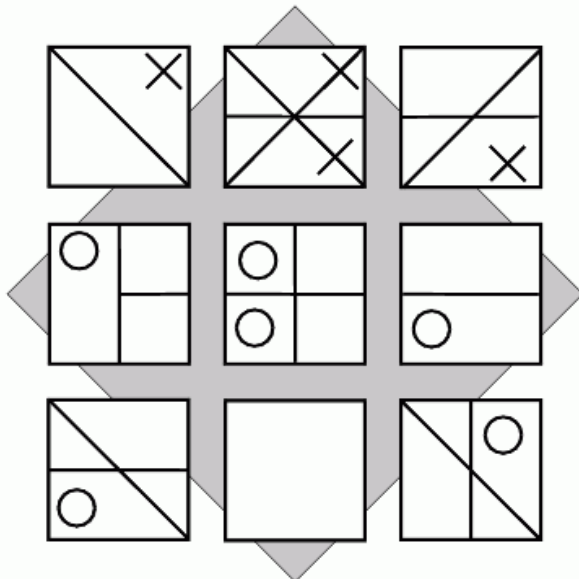
Following a logical sequence, can you complete this puzzle?

5	13	4
6	10	2

3	19	8
6	20	

14 PUZZLE

Fill in the empty box.



13 PUZZLE

Which letter replaces the question mark?

L	Q	M	P
G	E	C	S
J	B	?	C
H	F	S	K

15 PUZZLE

Which number completes this sequence?

- 123
- 117
- 108
- 99
-

L
E
V
E
L

2



16
PUZZLE

Which of the four squares at the bottom completes the pattern?

A

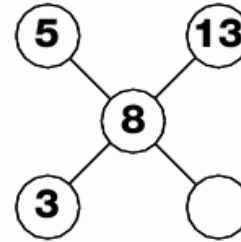
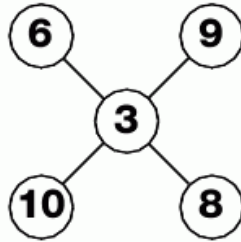
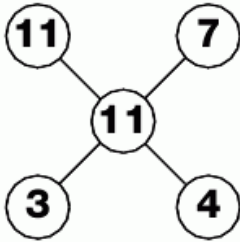
B

C

D

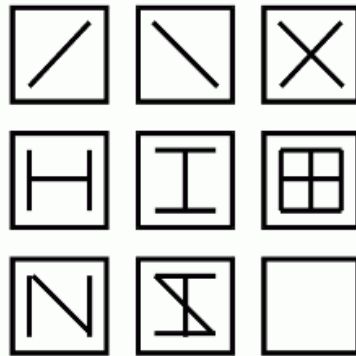
17
PUZZLE

Which number completes this puzzle?



18
PUZZLE

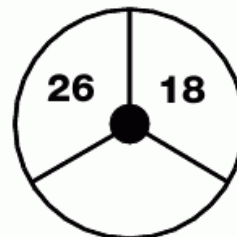
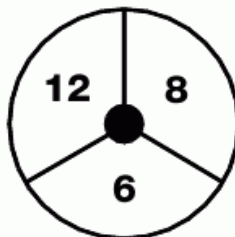
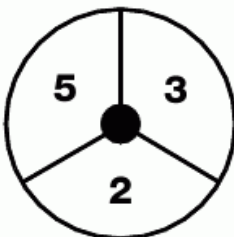
Which pattern completes the grid?



- 1 2 3 4 5

19
PUZZLE

Which number is missing?



L
E
V
E
L

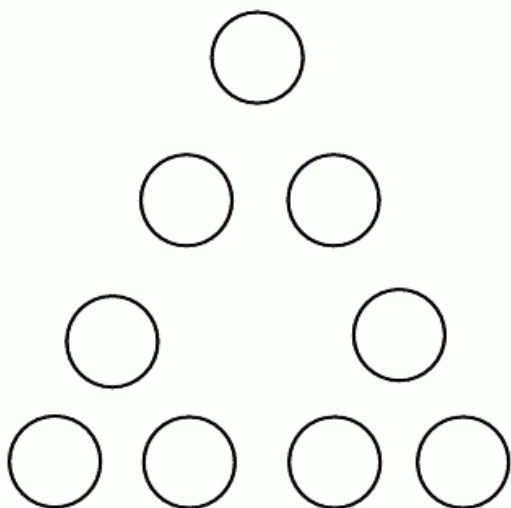
2

23



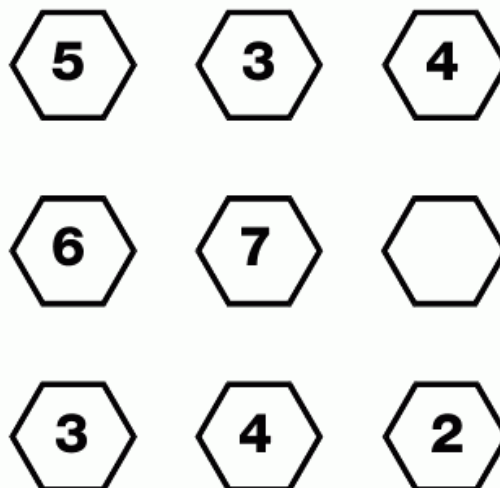
**20
PUZZLE**

Using every number between 1 and 9, fill in the spaces on this triangle so that the numbers on each side add up to 20.



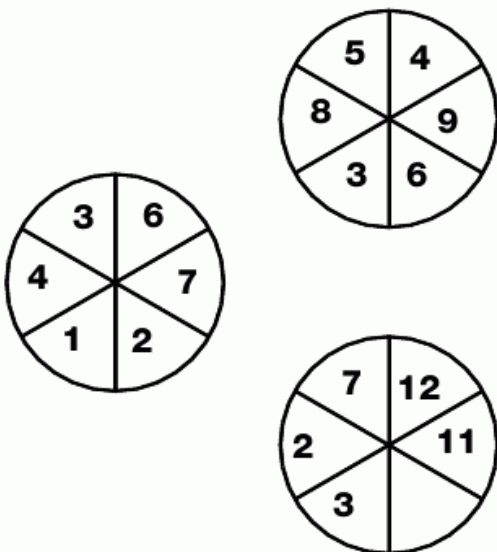
**21
PUZZLE**

Which number is missing?



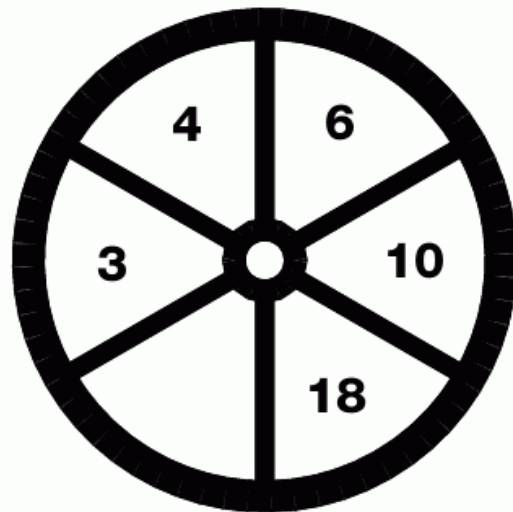
**22
PUZZLE**

Which number is missing from the third wheel?



**23
PUZZLE**

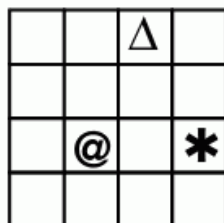
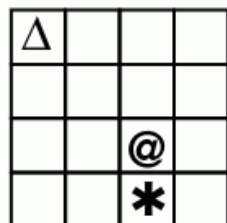
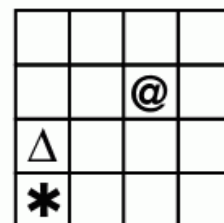
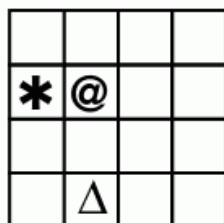
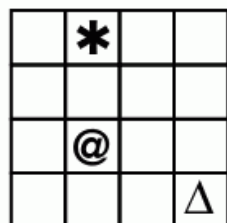
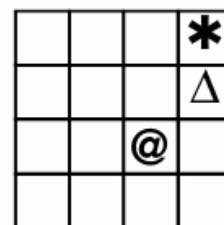
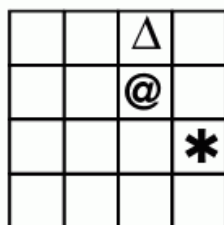
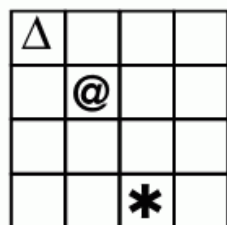
Which number goes in the empty segment?





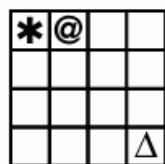
28
PUZZLE

Which of the bottom six grids completes this pattern?

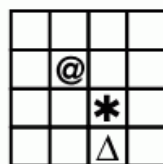


?

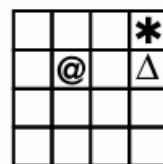
A



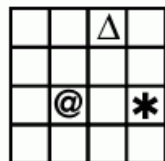
B



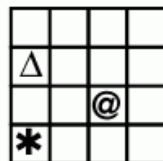
C



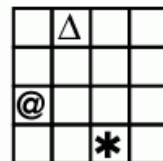
D



E

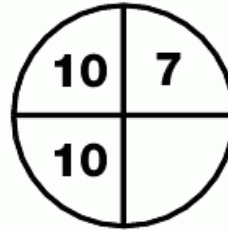
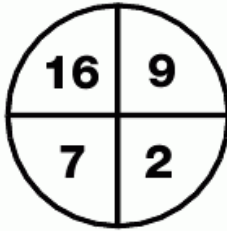
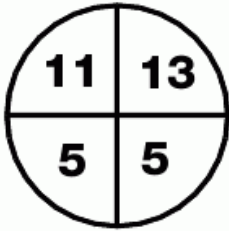


F



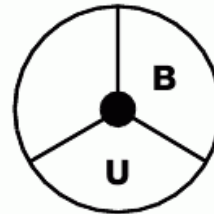
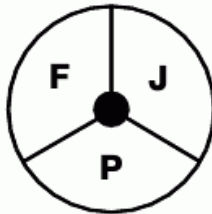
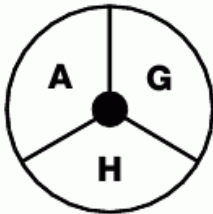
29
PUZZLE

Which number is missing?



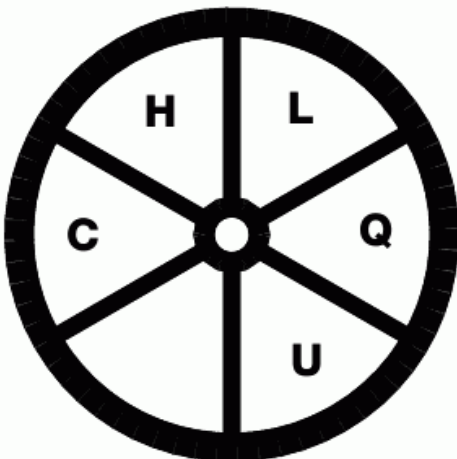
30
PUZZLE

Which letter goes in the empty segment?



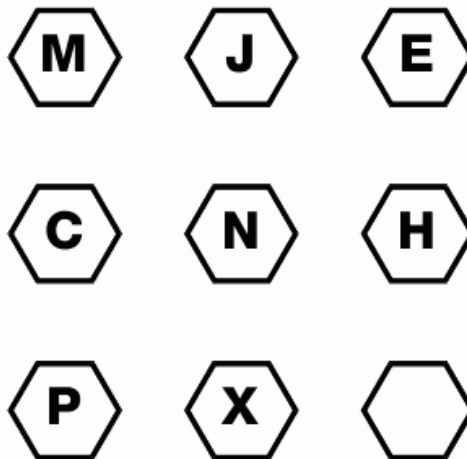
31
PUZZLE

Which letter replaces the blank and completes the sequence?



32
PUZZLE

Which letter completes this puzzle?



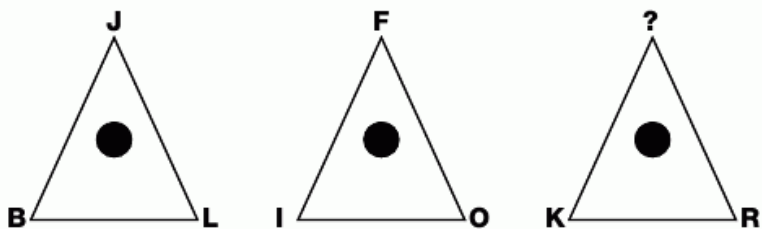
L
E
V
E
L

2

27

**1
PUZZLE**

Which letter tops the third triangle?



**2
PUZZLE**

Which number goes in the third star?



**3
PUZZLE**

Which letter replaces the blank and completes the sequence?

B **A**

C **E**

D **F**

G **H**

J **I**

O

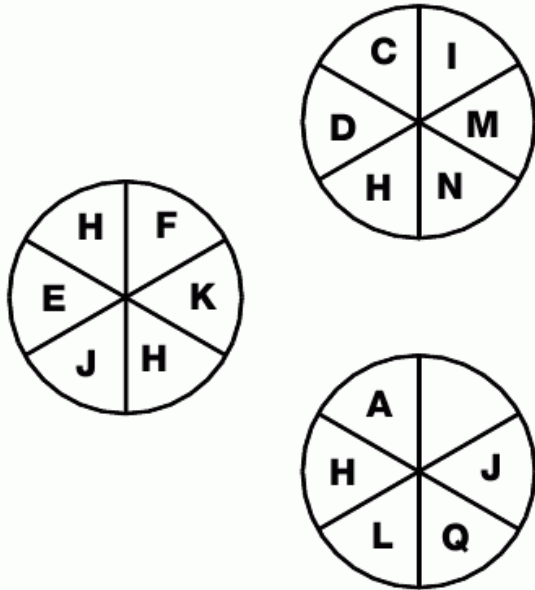
**4
PUZZLE**

If two painters can complete two rooms in two hours, how many painters would it take to do 18 rooms in 6 hours?



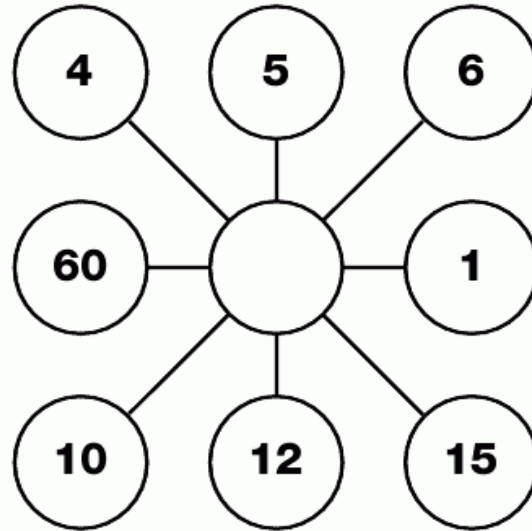
**5
PUZZLE**

Which letter goes in the empty segment?



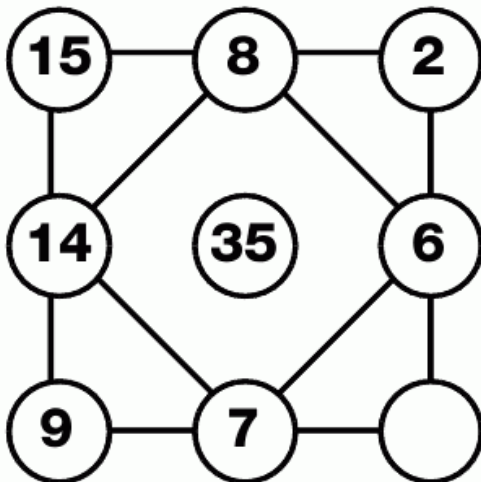
**6
PUZZLE**

Which number links all these?



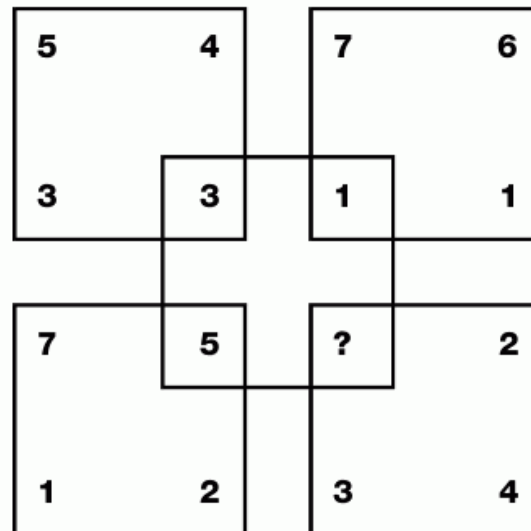
**7
PUZZLE**

Which number logically finishes this puzzle?



**8
PUZZLE**

Which number replaces the question mark?



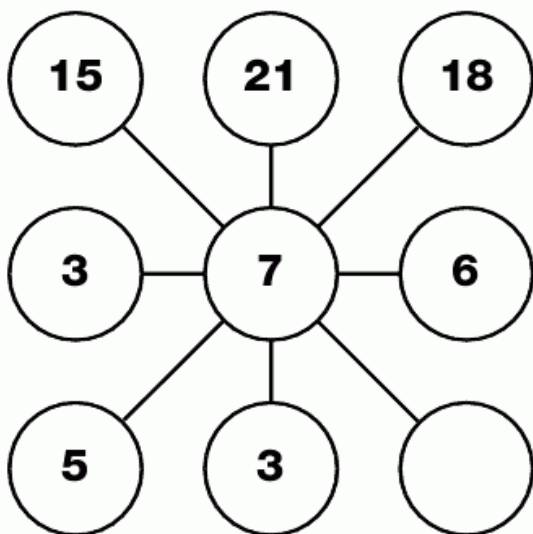
LEVEL

3

29

**9
PUZZLE**

Which number goes in the empty circle?



**11
PUZZLE**

Which number finishes this grid?

2	6	3
5	3	3
7	2	

**10
PUZZLE**

Which number completes this sequence?

2	5
7	3
10	4
14	6
20	8
28	

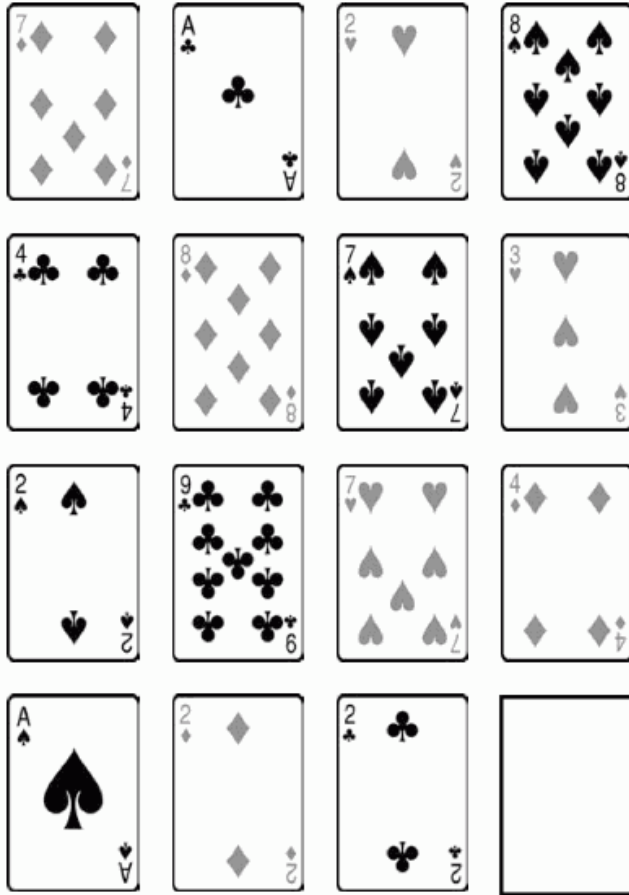
**12
PUZZLE**

Which letter replaces the blank and completes the sequence?

B	C	E
G	K	M
Q	S	

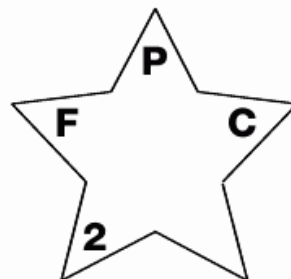
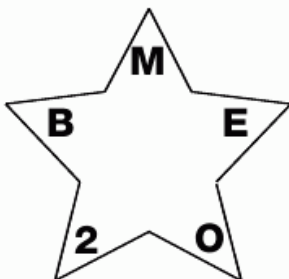
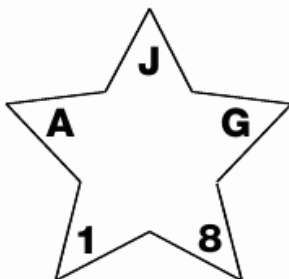
13 PUZZLE

Which playing card is missing?



14 PUZZLE

Which character is missing from the point in the last star?



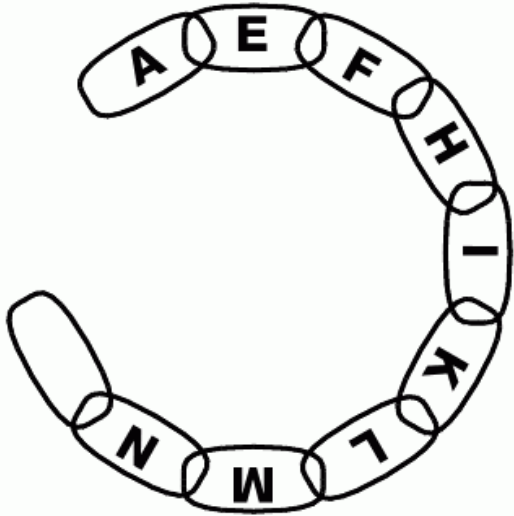
LEVEL

3

31

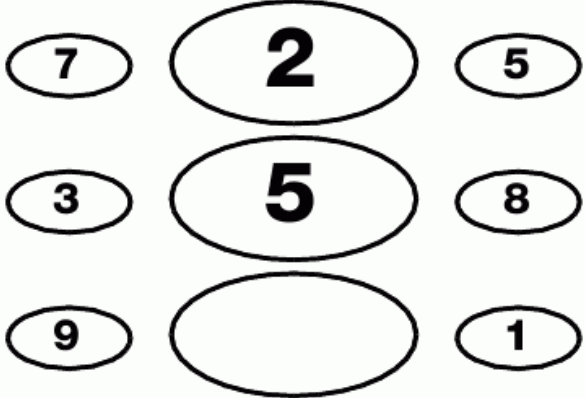
**15
PUZZLE**

Which letter goes in the final link to complete the chain?



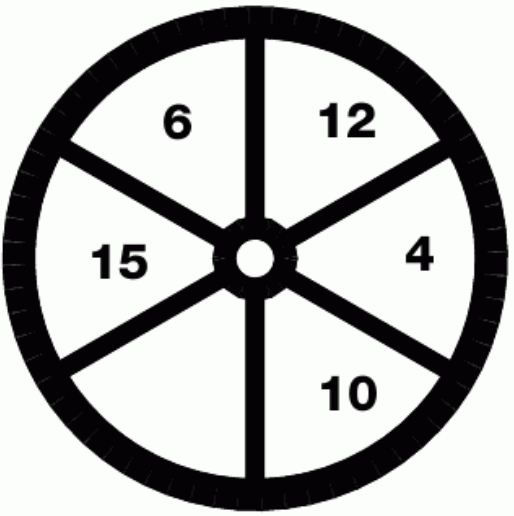
**16
PUZZLE**

Which number finishes this puzzle?



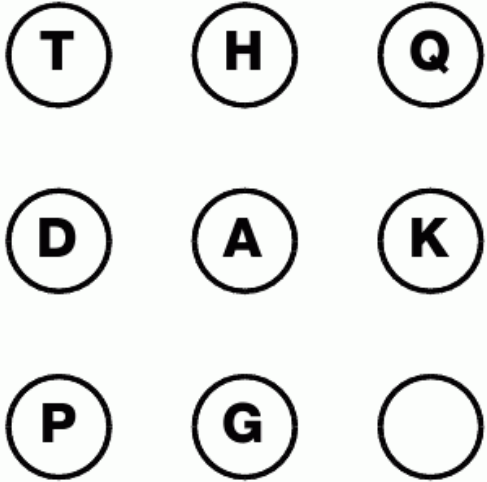
**17
PUZZLE**

Which number goes in the empty segment?



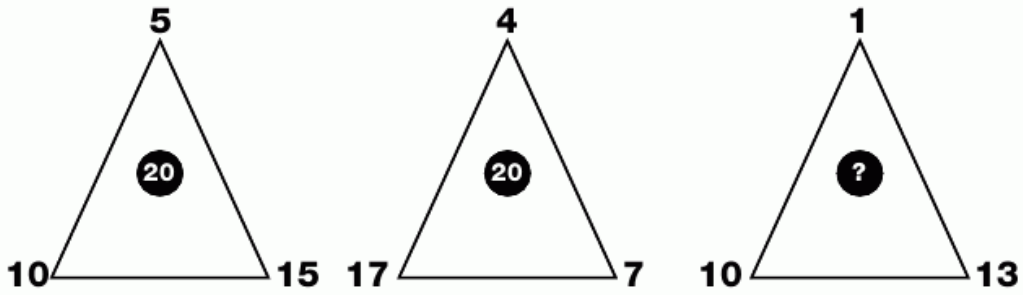
**18
PUZZLE**

Which letter replaces the blank and completes the sequence?



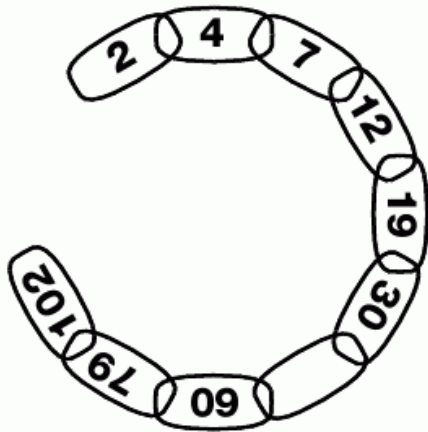
**19
PUZZLE**

Which number goes in the middle of the last triangle?



**20
PUZZLE**

Which number completes the chain?



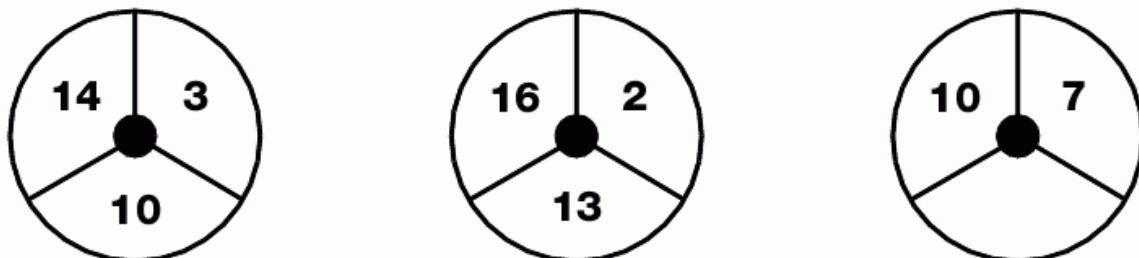
**21
PUZZLE**

Which letter replaces the blank and completes the wheel?



**22
PUZZLE**

Which number goes in the blank segment of the last circle?



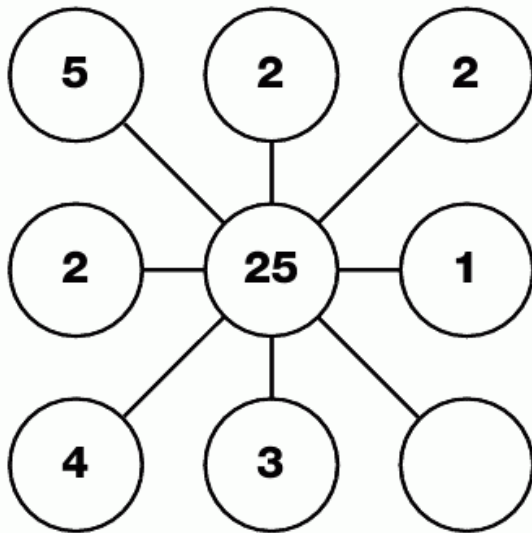
L
E
V
E
L

3

33

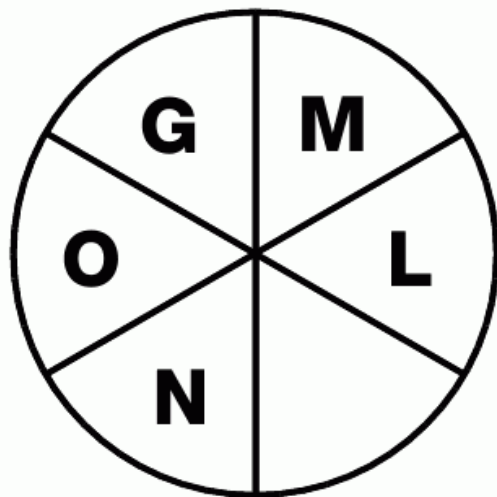
23
PUZZLE

Which number goes in the empty circle?



25
PUZZLE

Which letter goes in the empty segment?



24
PUZZLE

Which character logically completes this sequence?

B	A
---	---

2	8
---	---

J	N
---	---

2	3
---	---

Q	K
---	---

3	
---	--

26
PUZZLE

Which number will finish this grid?

5	8	12
---	---	----

7	12	18
---	----	----

3	4	
---	---	--



3



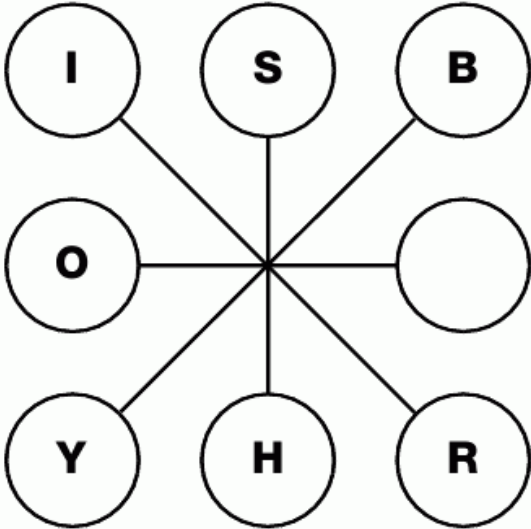
**31
PUZZLE**

Which letter replaces the blank and completes the sequence?

M	F	G
P	L	D
W	R	

**32
PUZZLE**

Which letter goes in the empty circle and completes this puzzle?



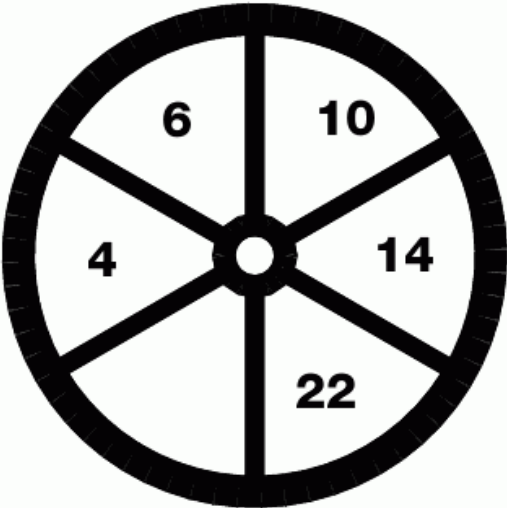
**33
PUZZLE**

Jacob is 12 years old. He is 3 times as old as his brother. How old will Jacob be when he is twice as old?



**34
PUZZLE**

Which number goes in the empty segment and completes the wheel?



35 PUZZLE

Which number goes in the empty square?

J	F	N
8	4	0

B	G	P
2	2	4

O	D	I
5	4	

36 PUZZLE

Which number goes in the empty circle and finishes the puzzle?

4

6

2

7

8

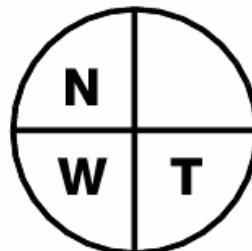
1

1

4

37 PUZZLE

Which character is missing from this puzzle?



L
E
V
E
L



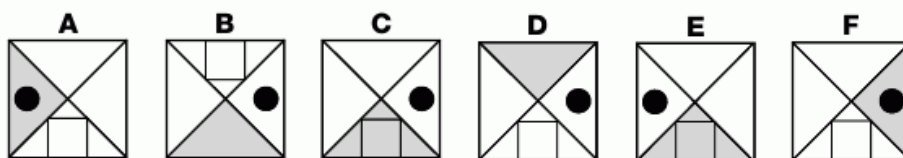
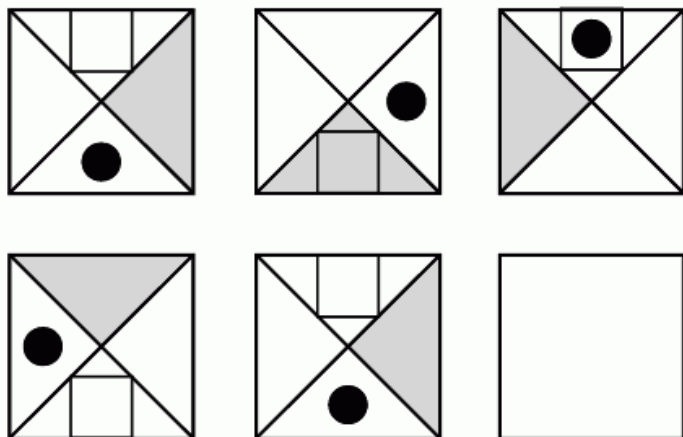
3





1
PUZZLE

Which letter replaces the blank and completes the sequence?



2
PUZZLE

Which number goes in the empty square?

3	7	10
4	11	15
6	4	

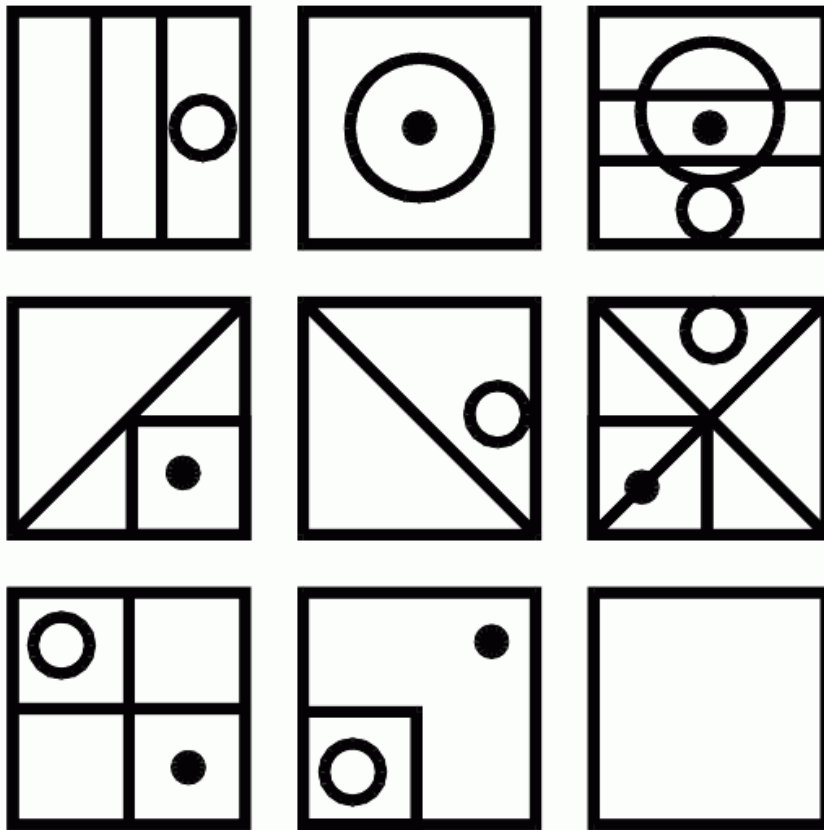
3
PUZZLE

Which number completes the sequence?

G	M
2	0
N	T
3	4
U	B
2	

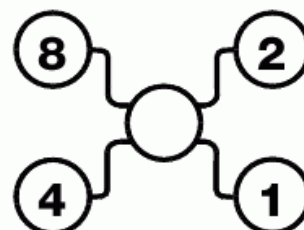
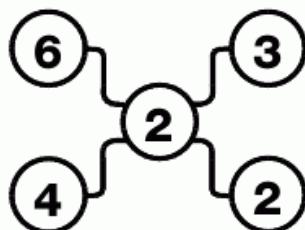
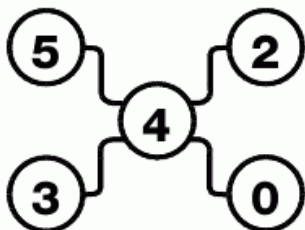
4
PUZZLE

Draw the correct pattern in the empty box to complete the pattern.



5
PUZZLE

Which number goes in the empty circle?



L
E
V
E
L

4