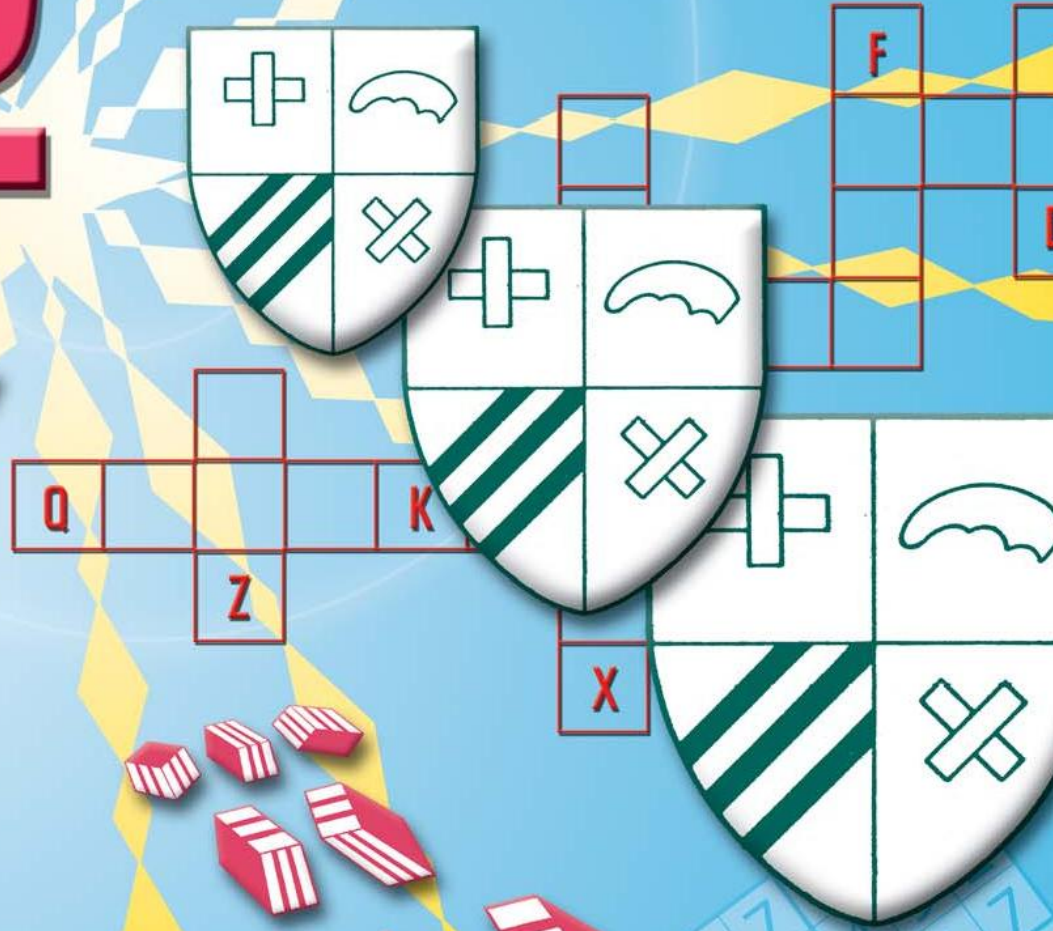
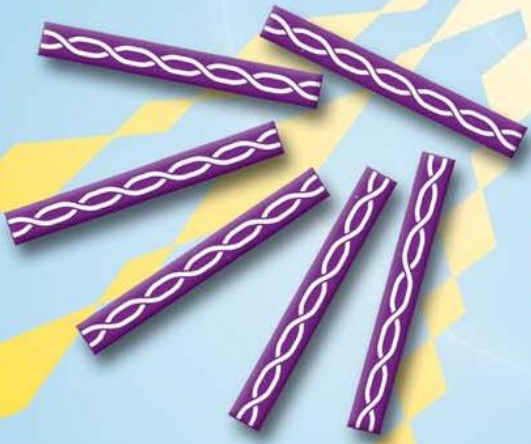


# IQ Brainteasers



Over **300**  
Brainteasing Puzzles



**Norman Sullivan**

# **IQ** Brainteasers





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# IQ Brainteasers

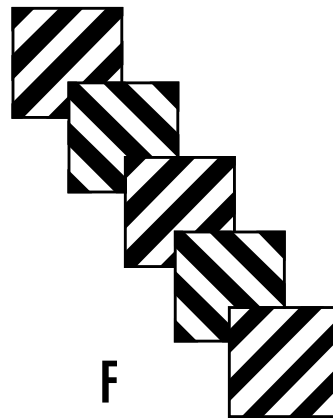
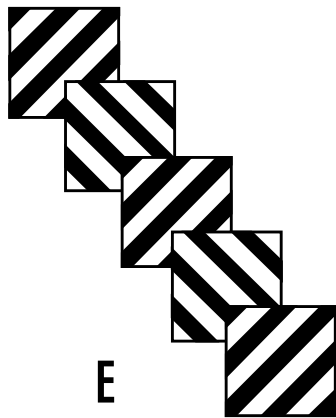
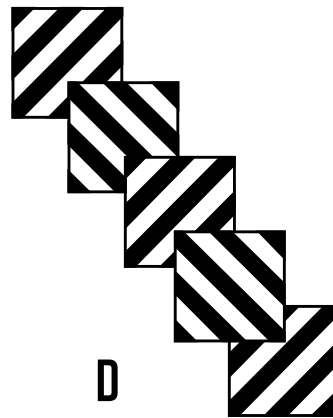
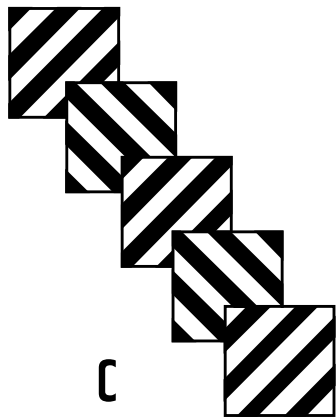
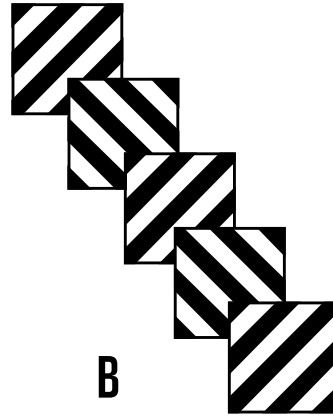
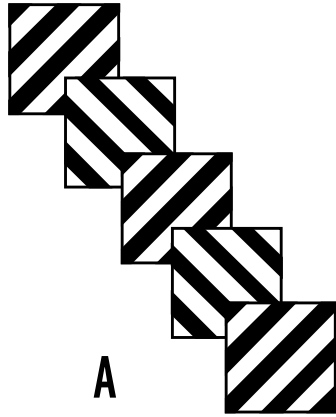
**IQ Brainteasers** is the ultimate test of your brain power. Packed with over 300 puzzles, your visual, mathematical and lateral-thinking abilities will be stretched to the limit. Also included are some Japanese puzzles – Sudoku, Bridges and Slitherlink – which will really get your brain cells working.

Divided into puzzle types, the sections are not in any order of difficulty – you are just as likely to find two easy puzzles side-by-side as a more tricky one next to a simple one. Some will require a degree of mathematical ability, others you just need to use your eyes, while others still will need some knowledge of words.

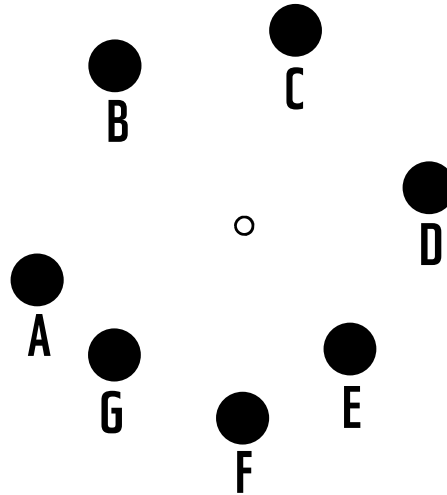
For the Japanese section, the principle with Sudoku is simple: all you need to do is place a number from 1 to 9 in each empty square, so that every row, column and 3x3 box contains the numbers 1–9. There's no maths or guesswork involved, just logic. In the Slitherlink puzzles you need to connect adjacent dots vertically or horizontally, to form a single loop with no crossings or branches. Each number indicates how many lines surround it. Empty cells can be surrounded by any number of lines. In the Bridge puzzles each circle contains a number that represents an island. You need to connect each island with vertical or horizontal bridges to form a continuous path connecting all the islands. The number of bridges must equal the number inside the island. There can be up to two bridges between two islands, and bridges must not cross islands or other bridges.

The solutions are given at the back of each section so you can check your answers, but try not to peek and complete as many as you can before looking.

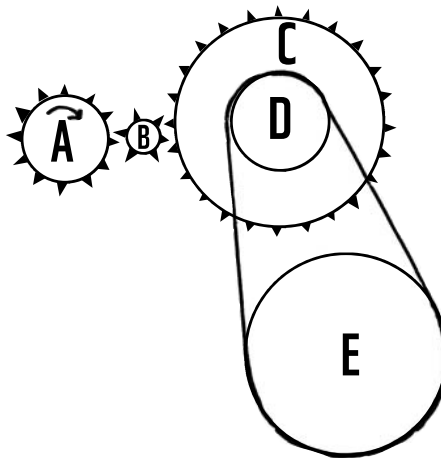
1 Which is the odd one out?



**2** Which bowl is nearest to the jack (the white ball) and which is furthest away from it?

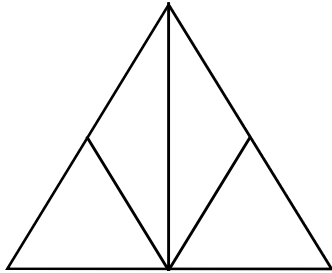


**3** The diameter of pulley E is twice that of pulley D. If pinion A rotates eight times clockwise, how many times will pulley E rotate and in which direction?

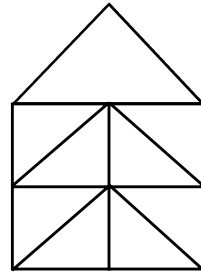




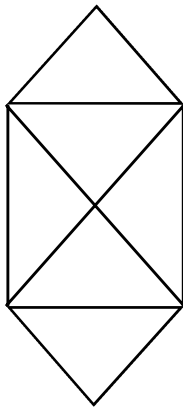
**4** Which of these contains the most triangles?



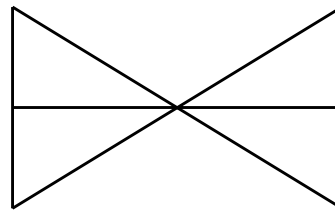
**A**



**B**

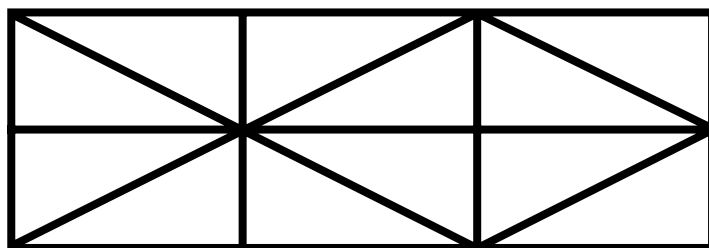


**C**



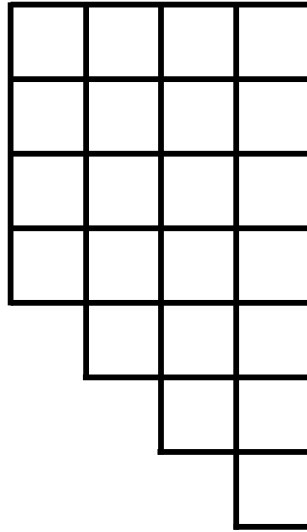
**D**

**5** How many triangles are there here?

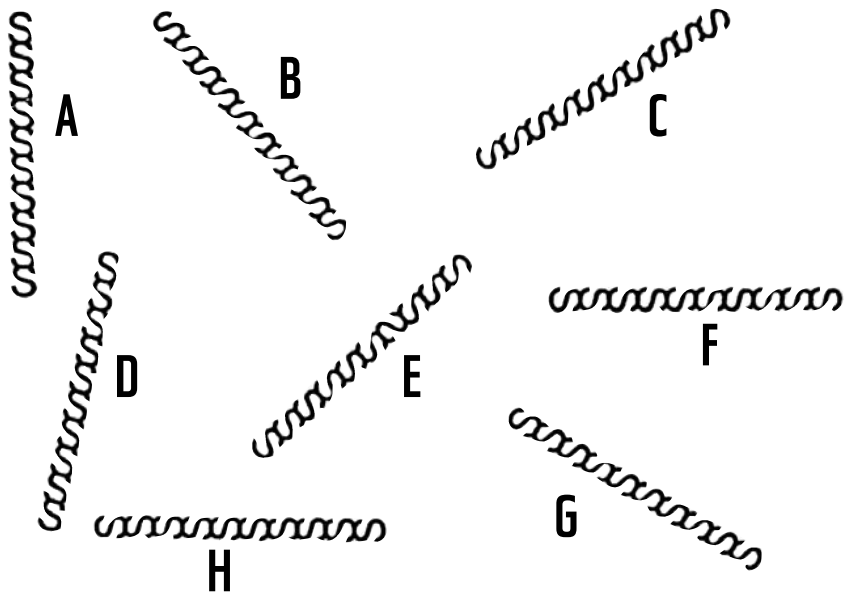




**7** How many squares are there here?



**8** Which is the odd one out?



9 Arrange these cubes into four matching pairs.

A

B

C

D

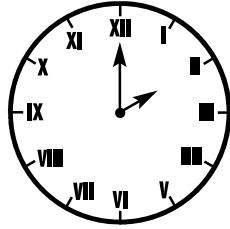
E

F

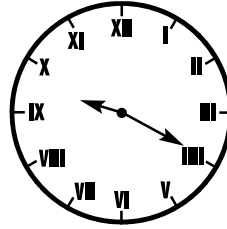
G

H

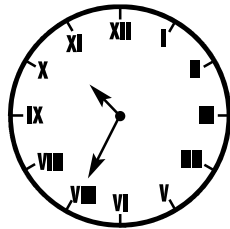
10 Which clock is the odd one out?



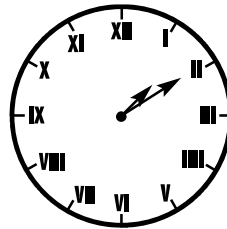
A



B



C



D

11 Which is the odd one out?



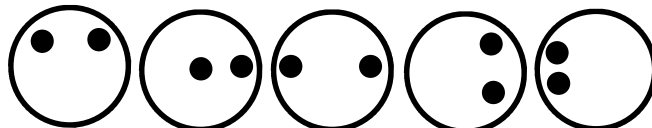
A

B

C

D

E



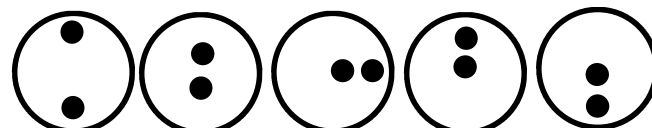
F

G

H

I

J



K

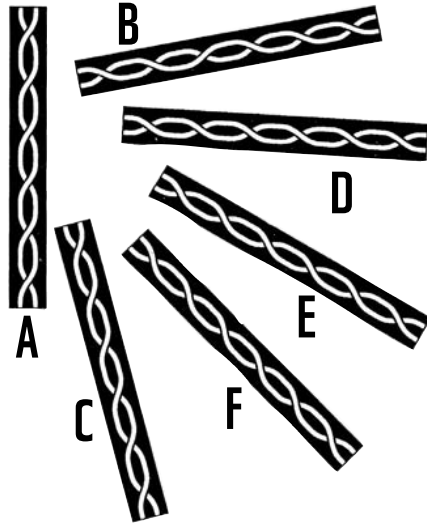
L

M

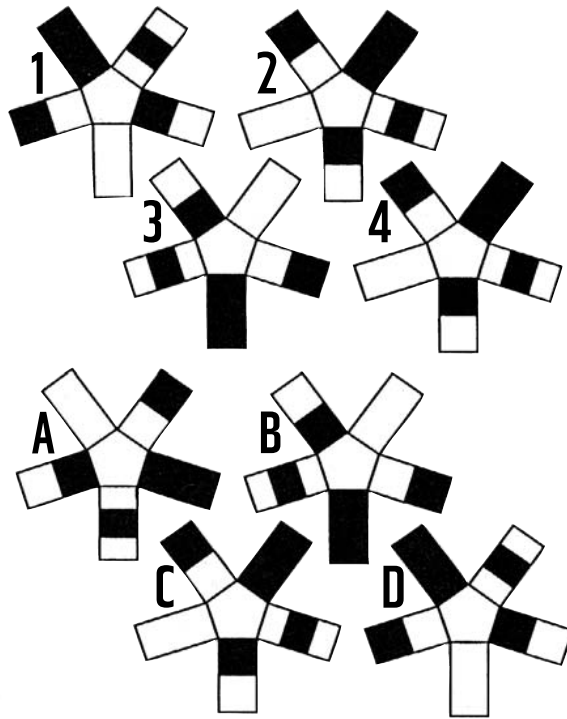
N

O

12 Which is the odd one out?



13 Which of the figures at the bottom – A, B, C or D – follows number 4?



**14** Which one spoils the frieze?

**A B C**

**J**

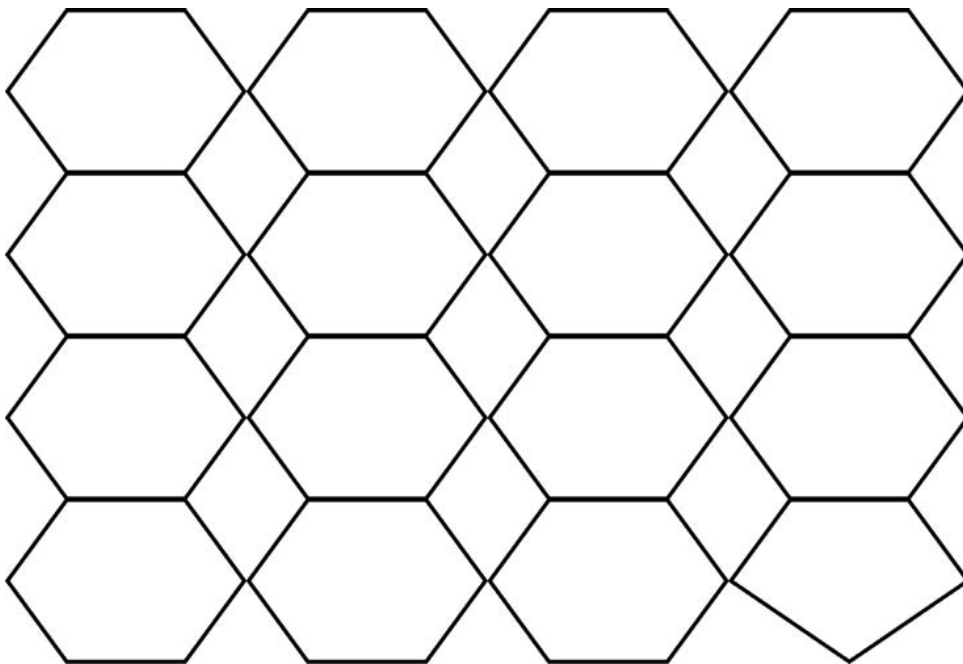
**D**

**I**

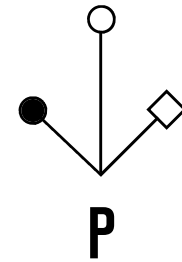
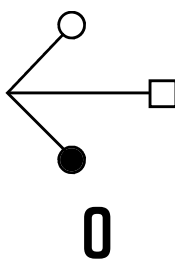
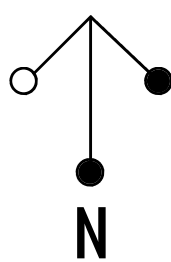
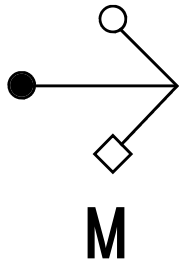
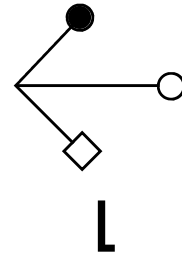
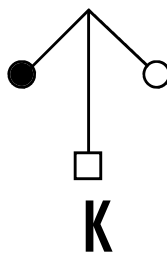
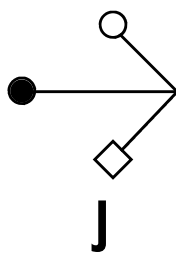
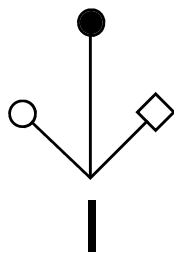
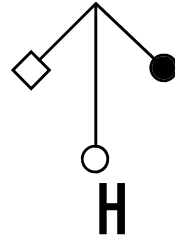
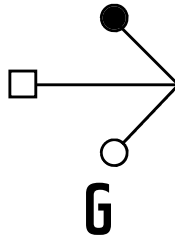
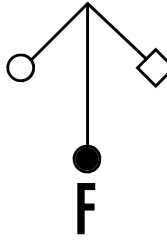
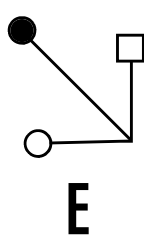
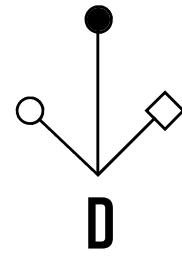
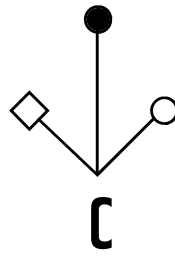
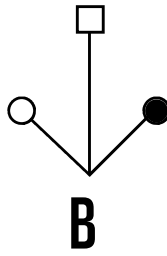
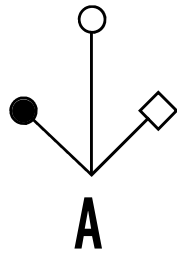
**E**

**H G F**

**15** How many hexagons (six-sided figures) can you find here?

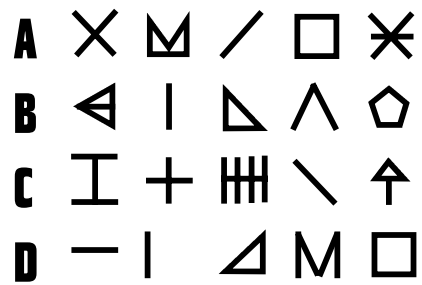


16 Which is the odd one out?

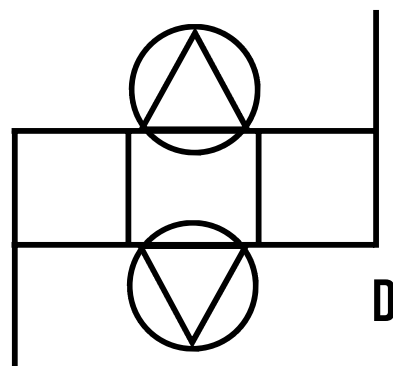
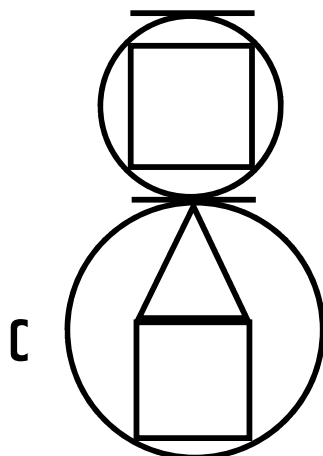
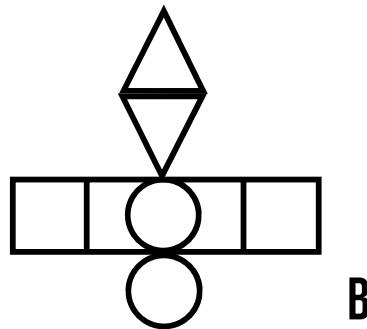
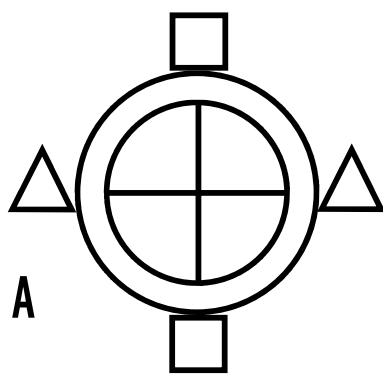




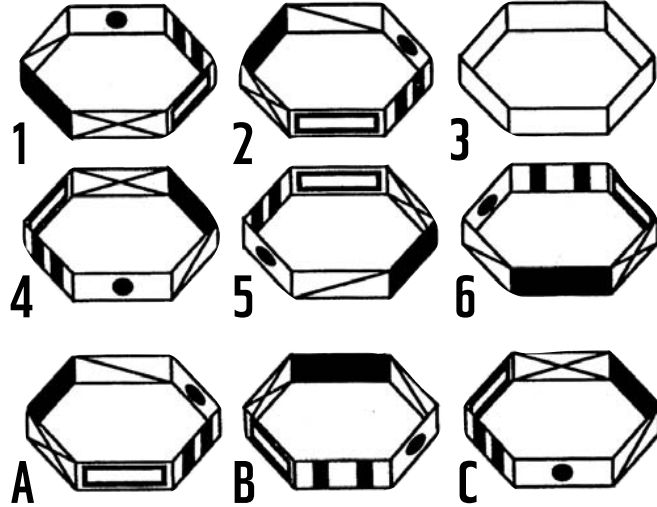
17 Which row is the odd one out?



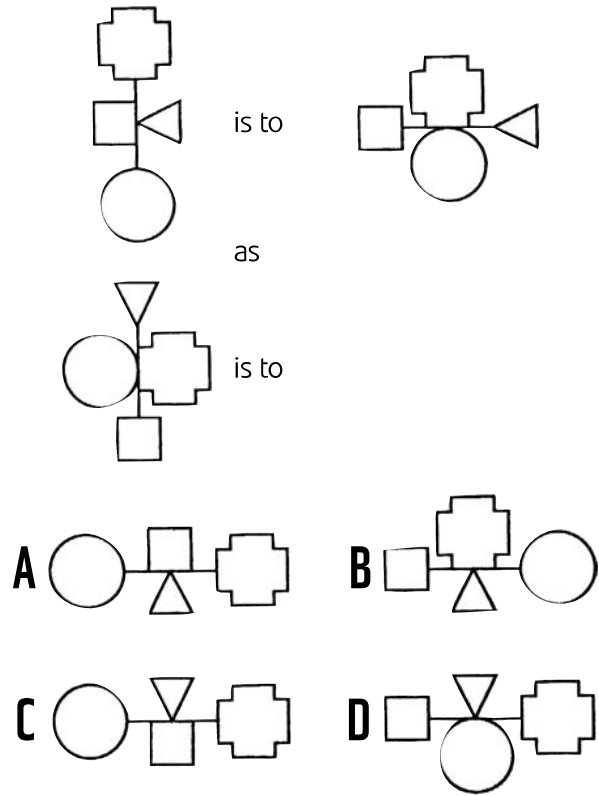
18 Which is the odd one out?



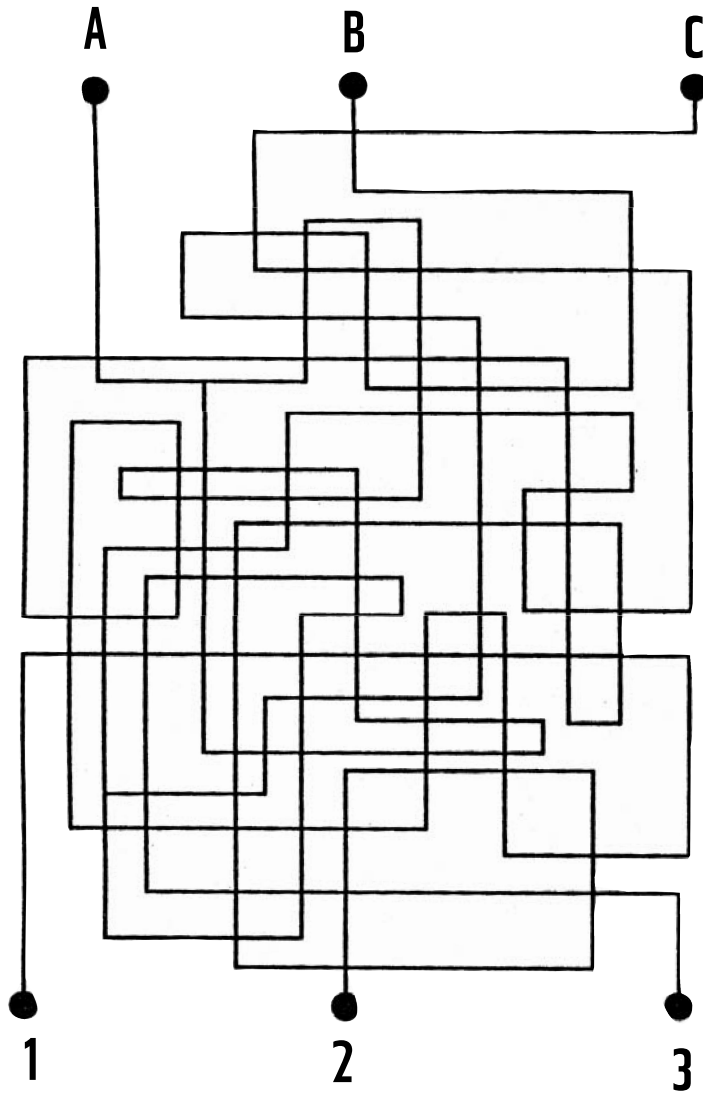
19 Which of the figures at the bottom A, B or C, should take the place of number 3?



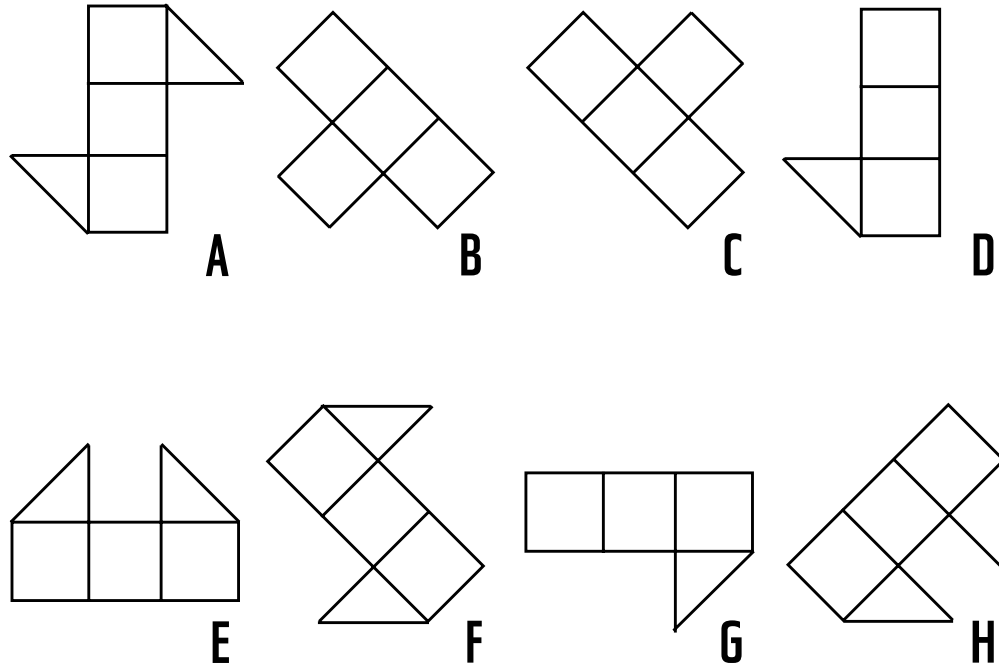
20



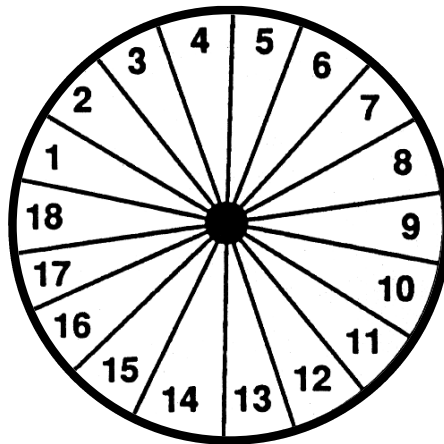
**21** Using your eyes only and without the aid of a pointer, trace which of the numbered lines will reach any of the goals marked A, B and C. State the number of the line and the goal reached. Right angles must be used only when there is no alternative route.



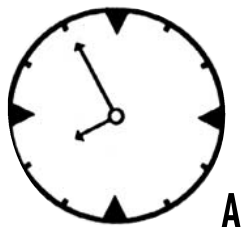
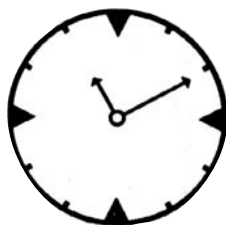
**22** Arrange these shapes into four pairs.



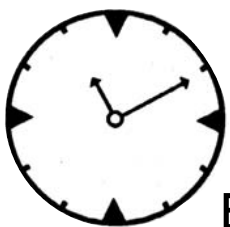
**23** Which is the smallest segment and which is the largest segment in this circle?



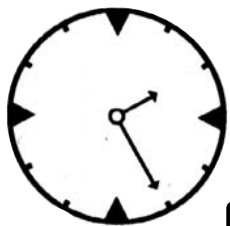
**24** If this clock were turned 90 degrees anti-clockwise, which of those below would appear? (Do not turn the page.)



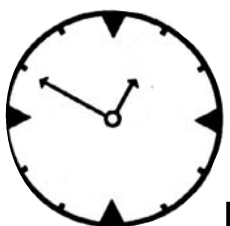
A



B

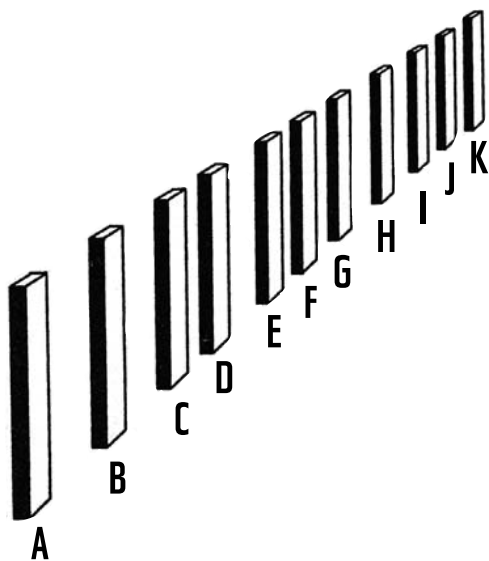


C

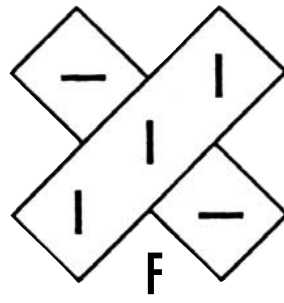
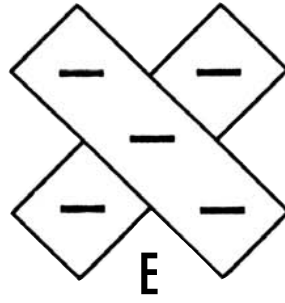
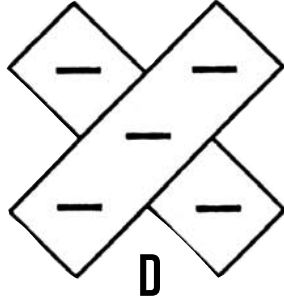
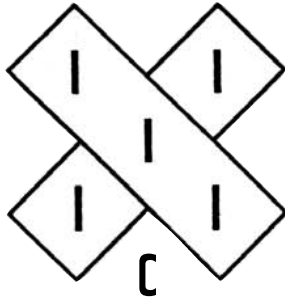
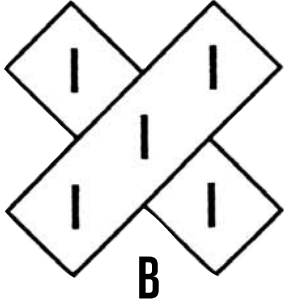
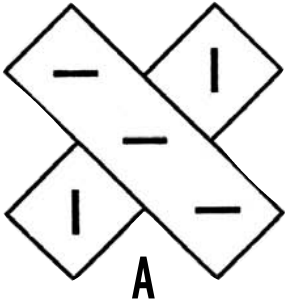
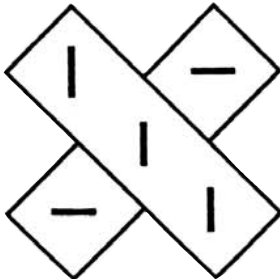


D

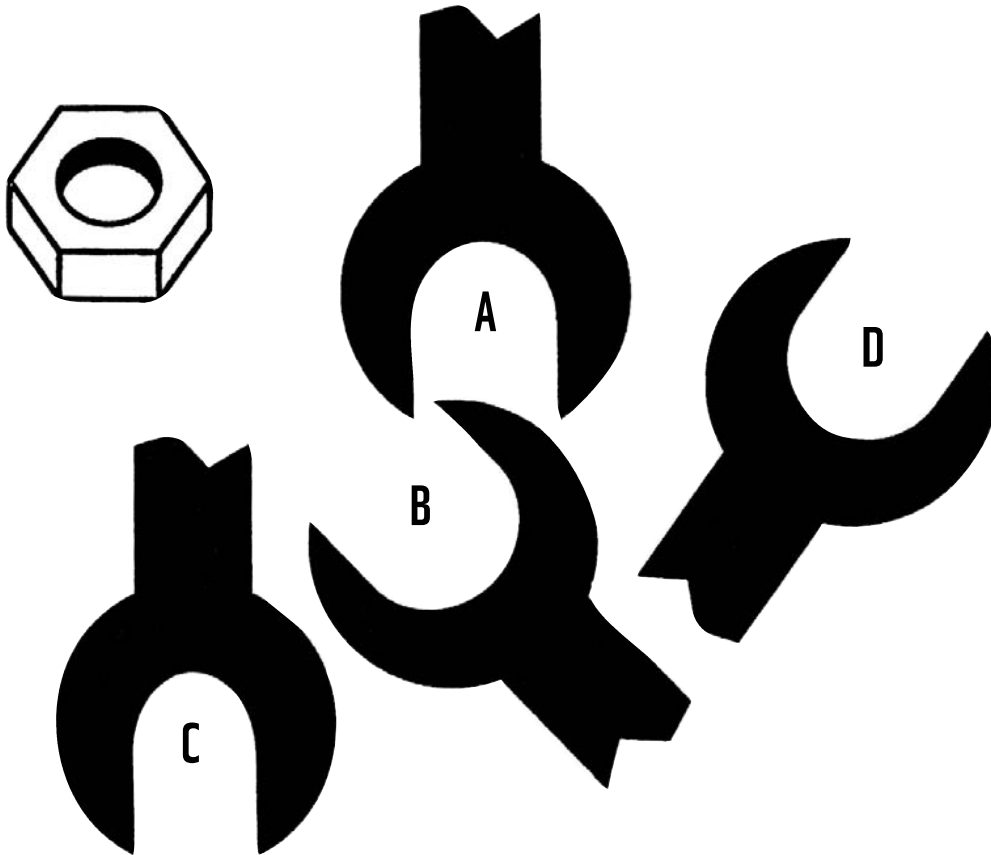
**25** Eleven posts have been erected in a straight line and on level ground at regular intervals. Ten are of equal length. Which one is a different length?



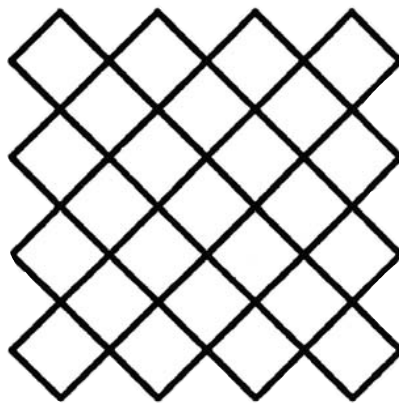
**26** If the figure below were held in front of a mirror, which of the figures, A, B, C, D, E or F, would be reflected?



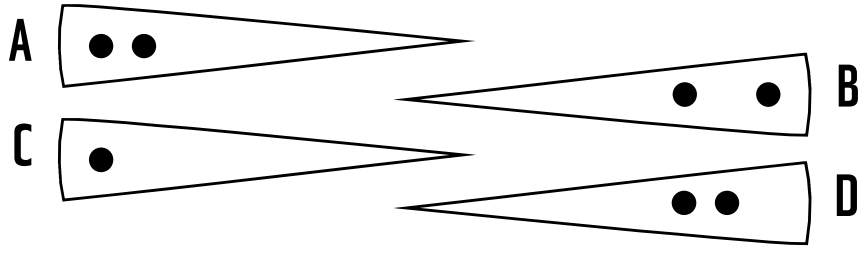
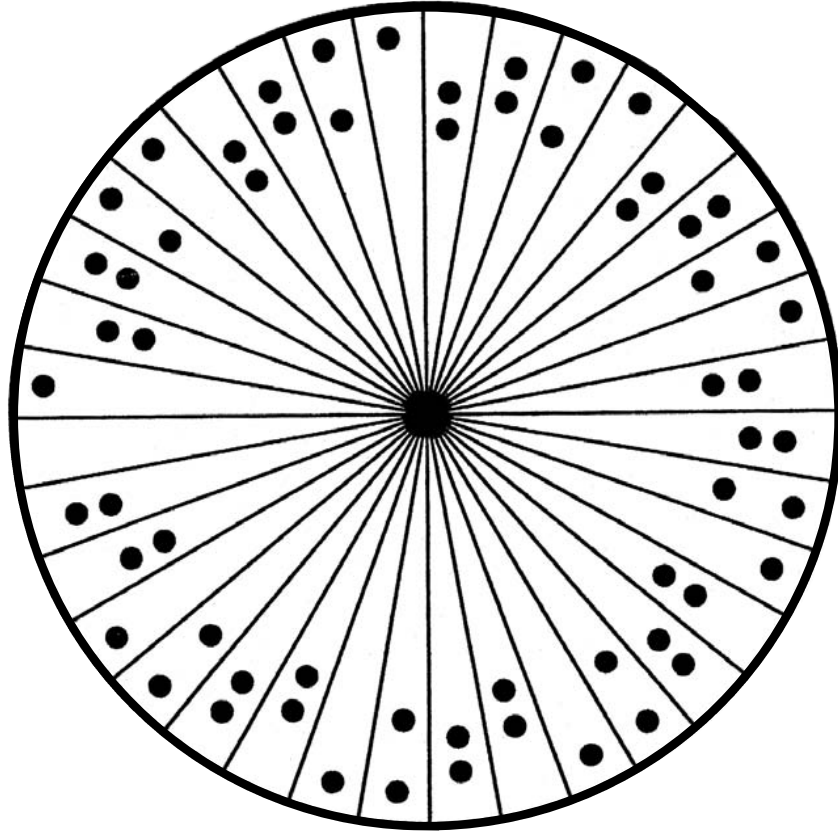
**27** Which spanner fits the nut?



**28** How many diamonds are there here?

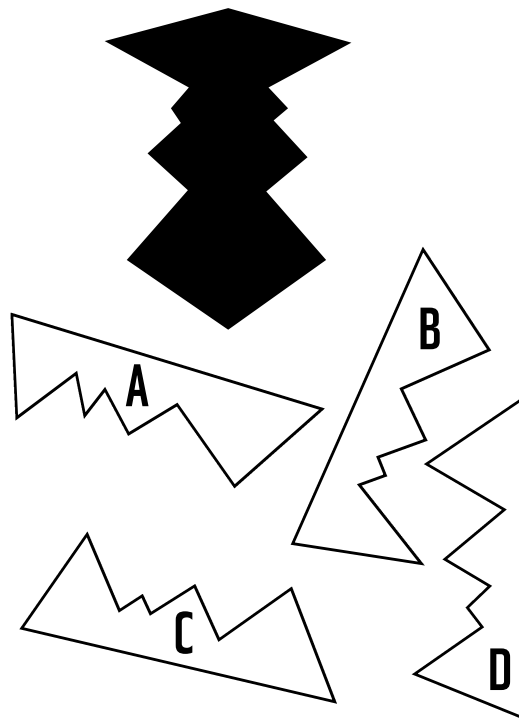


29 Which of the sectors below – A, B, C or D – should fill the empty sector in the circle?





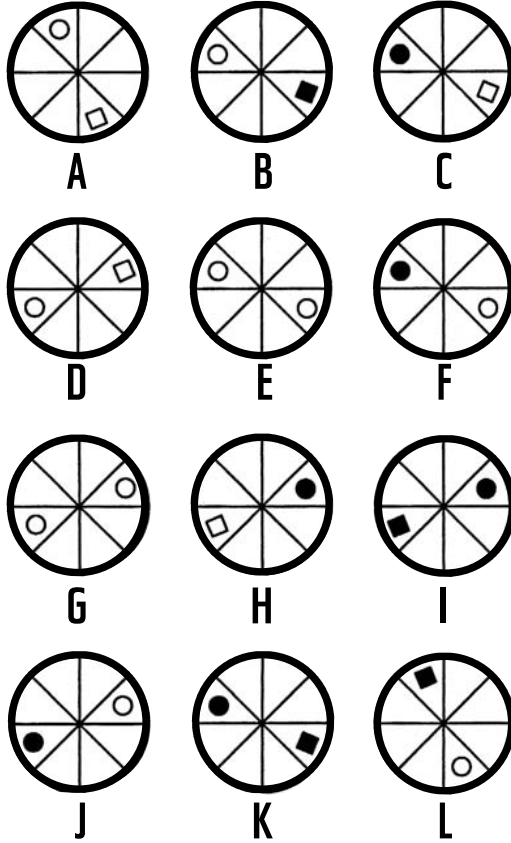
**30** A sheet of paper is folded in half and cuts made into it. The paper is then unfolded to reveal this shape. Which of the figures – A, B, C or D – shows the original cuts?



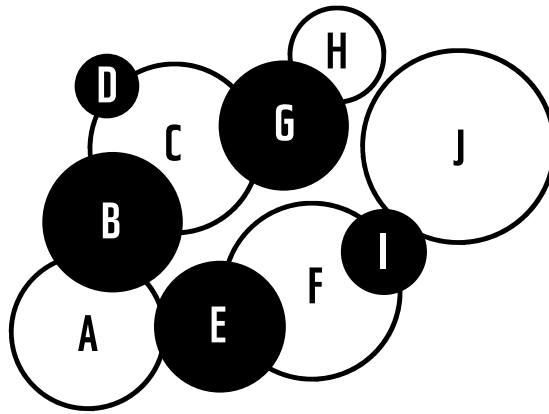
**31** This sign was seen in Japan. What does it mean?



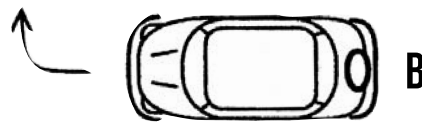
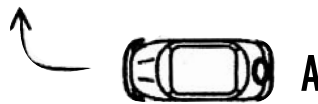
**32** Match these designs into six pairs.



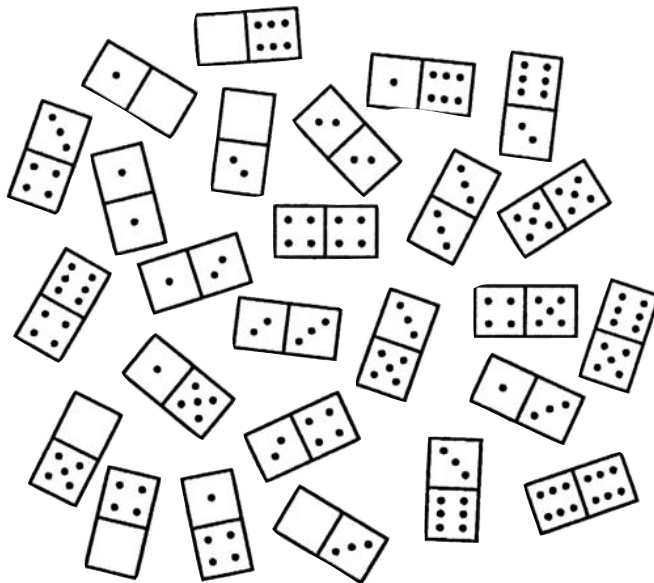
**33** Which is the second smallest circle and which is the second largest circle?



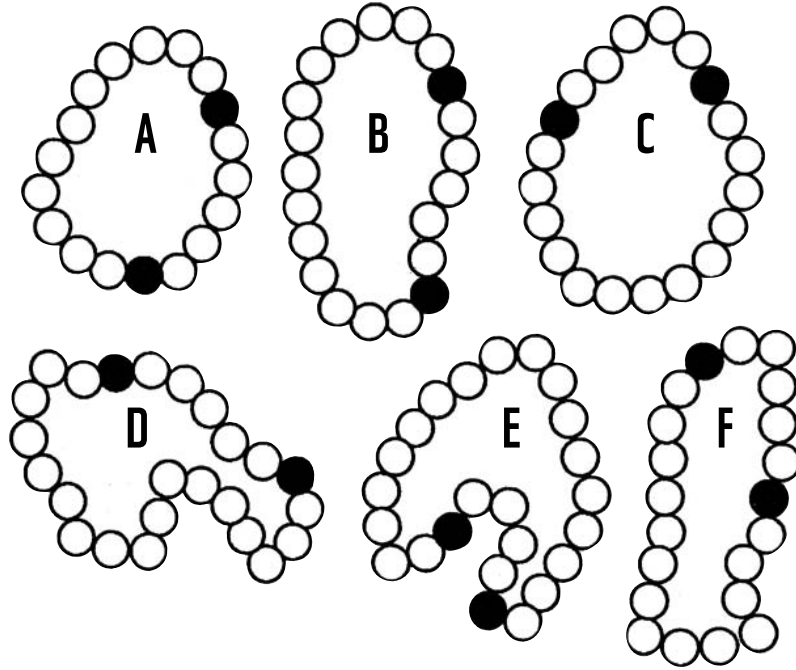
**34** A feature of many safe-driving competitions consists of a row of poles set at varying distances from each other, ranging from narrow to wide. Maximum points are scored if the driver chooses the narrowest gap through which he can drive without touching a pole. Thus, the driver must relate the width of his car to the width between the poles. Drivers A and B below are competing here. Which gap should each driver choose?



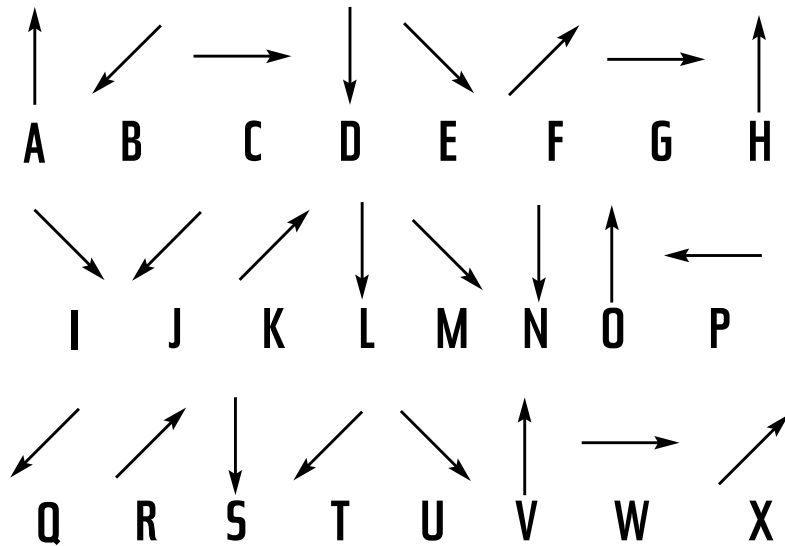
**35** Which two dominoes are missing from the set?



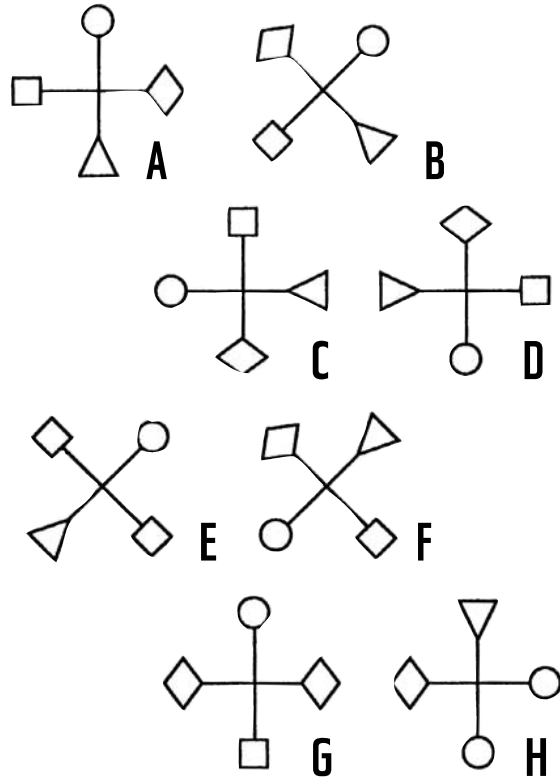
**36** Which string of beads is the odd one out?



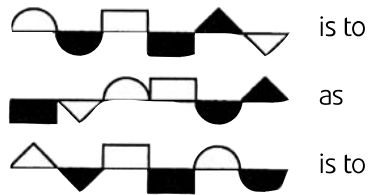
**37** Which is the odd one out?



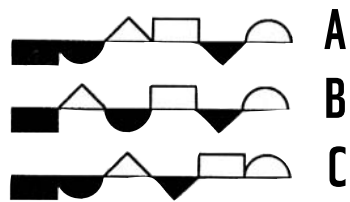
**38** Which of these designs match each other?



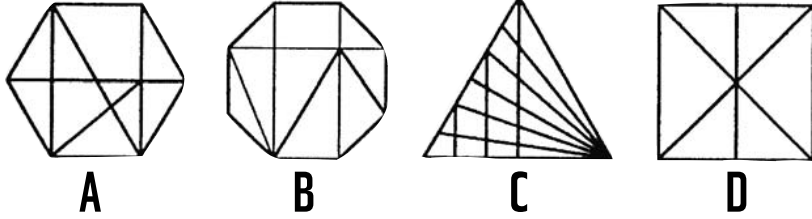
**39**



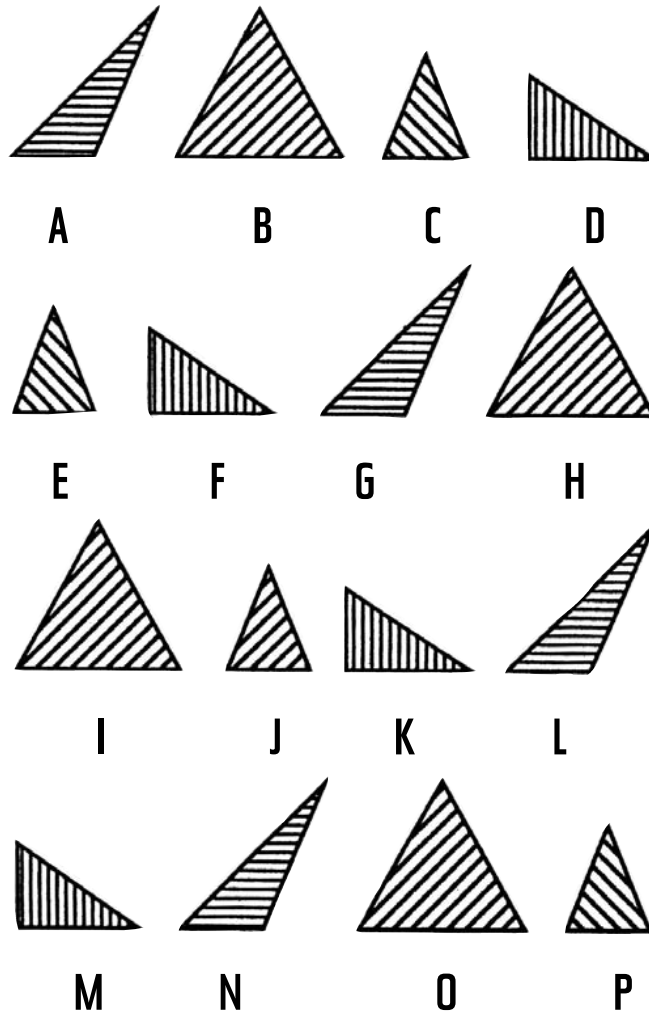
Choose from A, B or C



**40** Which of these contains the greatest number of triangles?



**41** Which triangle is the odd one out?



**42** If the two spirals at the top are correct, which, if any, of those below are wrong?



A



B



C



D



E



F

**43** The shape of wallpaper at the top has already been hung. Which two of the sheets below will exactly match it when pasted on each side of it?



A



B



C



D

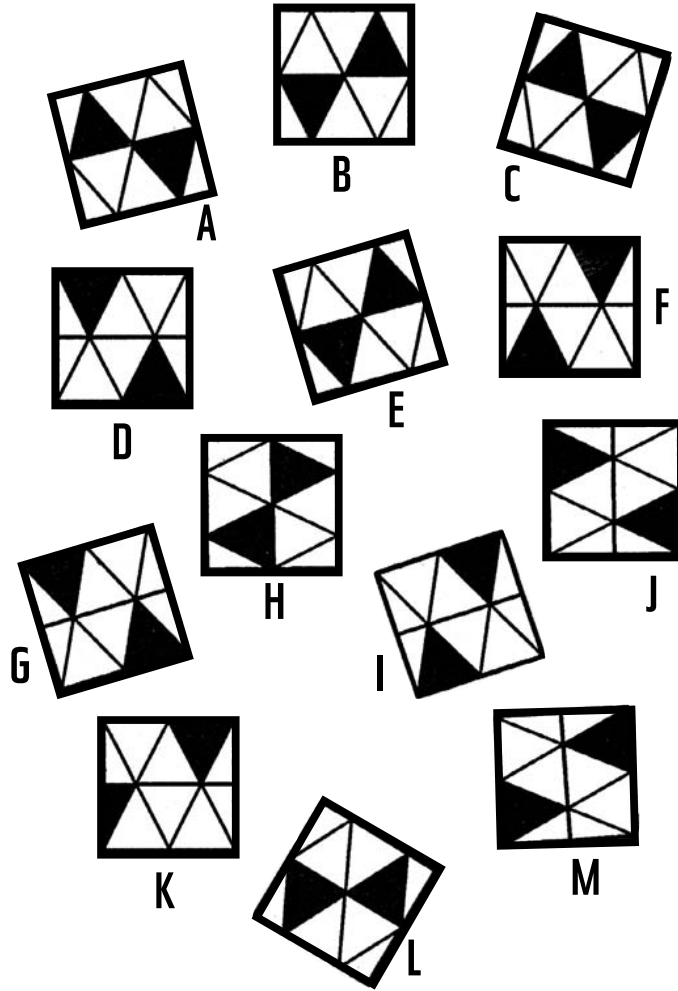


E



F

**44** Match these patterns into four groups of three and state which is the odd one out.

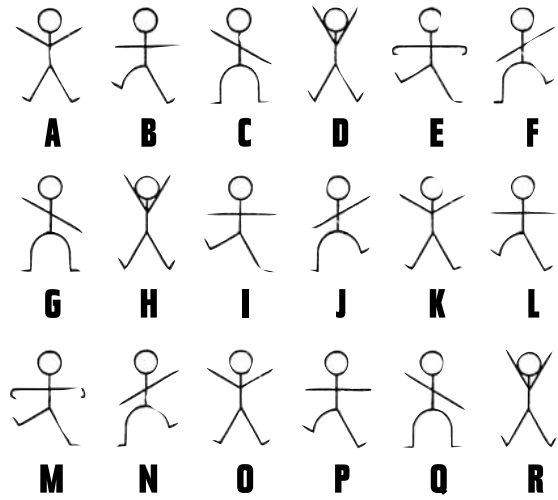


**45** Which is the odd one out?











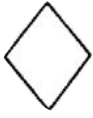






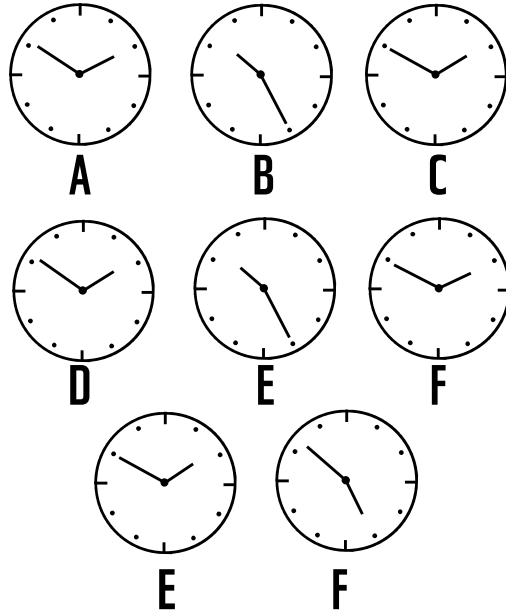
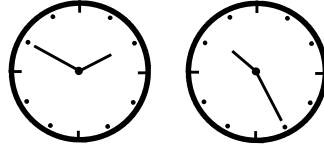
**46** Which of these matchstick men is the odd man out?



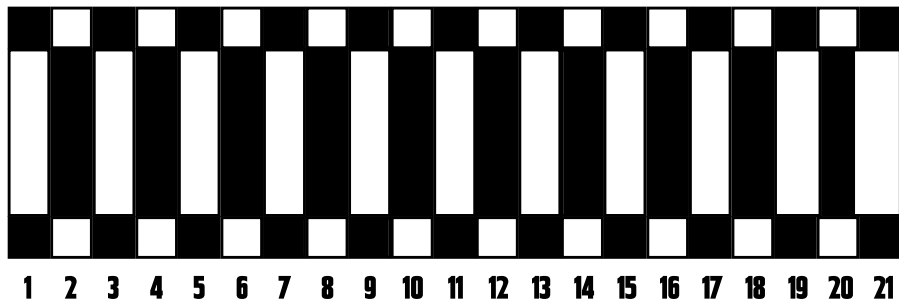
**47** What are A, B and C?

				5
				9
				10
	<b>A</b>	<b>B</b>	<b>C</b>	10
<b>8</b>	<b>10</b>	<b>4</b>	<b>12</b>	

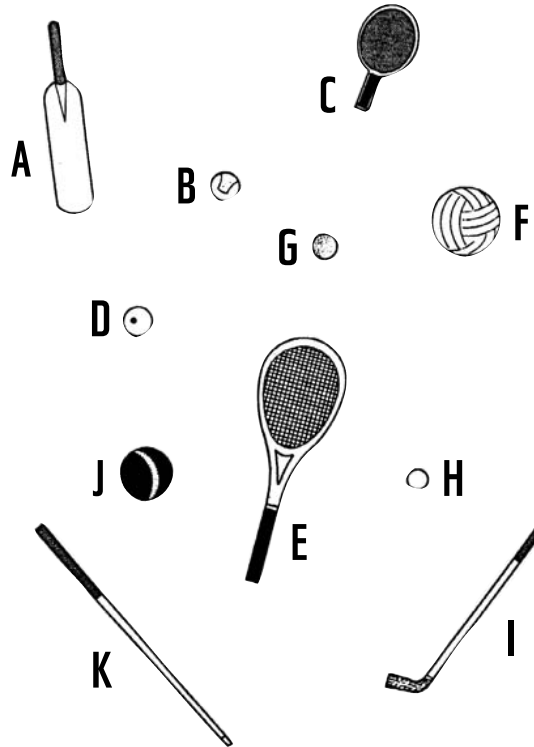
**48** If the top clocks are right, which of those below are wrong?



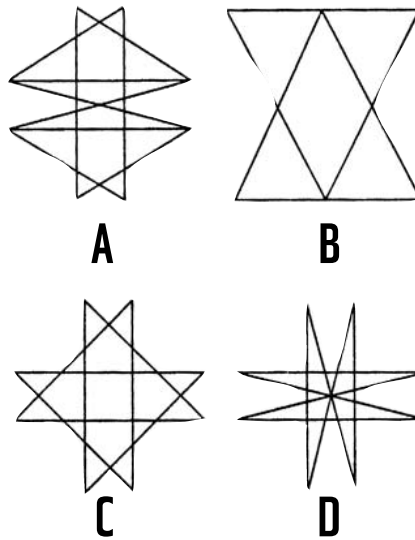
**49** Which one spoils the pattern?



**50** Which is the odd one out?



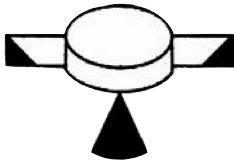
**51** Which of these outlines, if any, can be drawn without removing pen from paper, crossing a line, or retracing a line?



52 Which of those at the bottom takes the place of number 5?



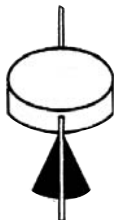
1



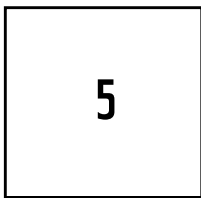
2



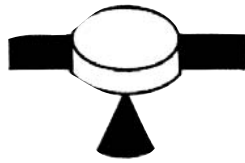
3



4



5



6



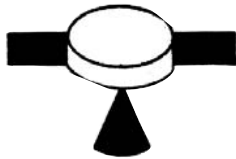
7



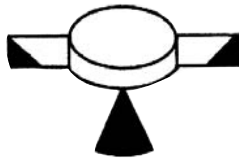
A



B



D

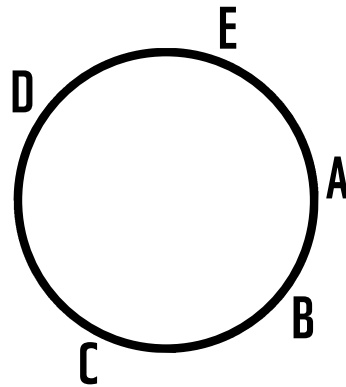


E

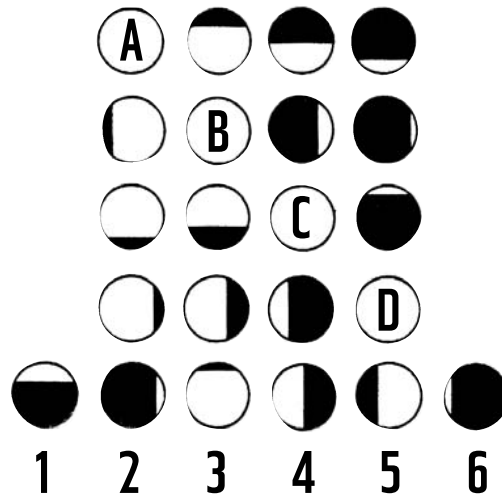
**53** Tom, Alf, Fred, Bill and Jim sat at a round table.

Alf sat on Fred's left;  
 Tom sat on Jim's right;  
 Bill sat on Alf's left.

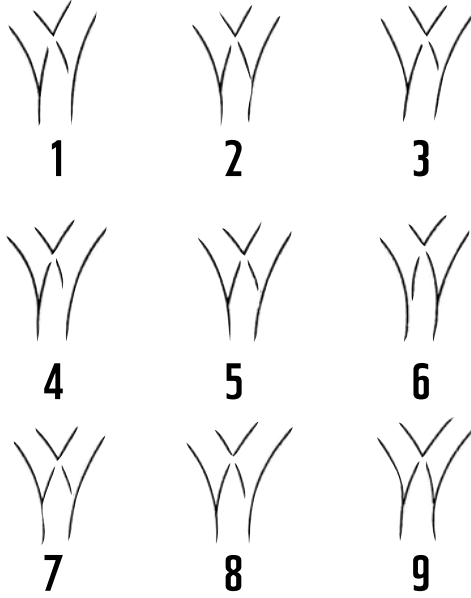
If Alf sat at A (see below), where were the others seated?



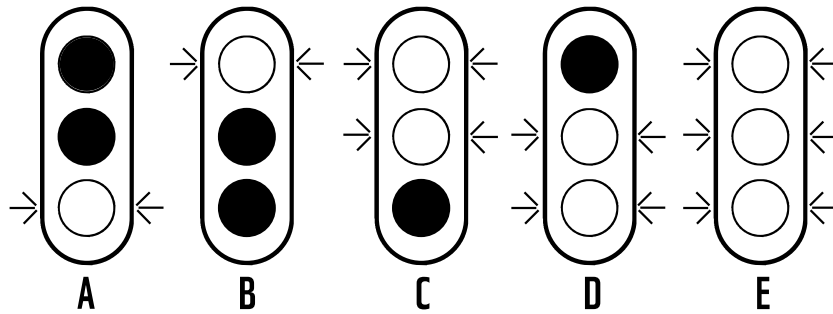
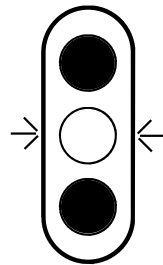
**54** Which of the numbered circles belong to A, B, C and D?



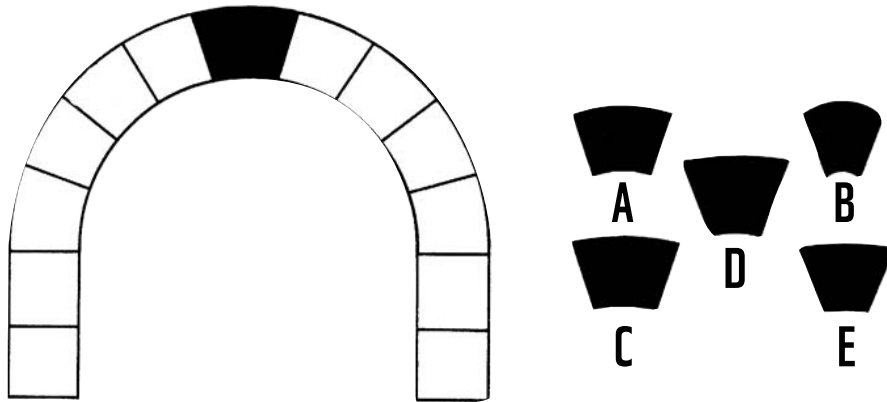
**55** Eight of these railway points are set for the up train. Which will let the down-train through?



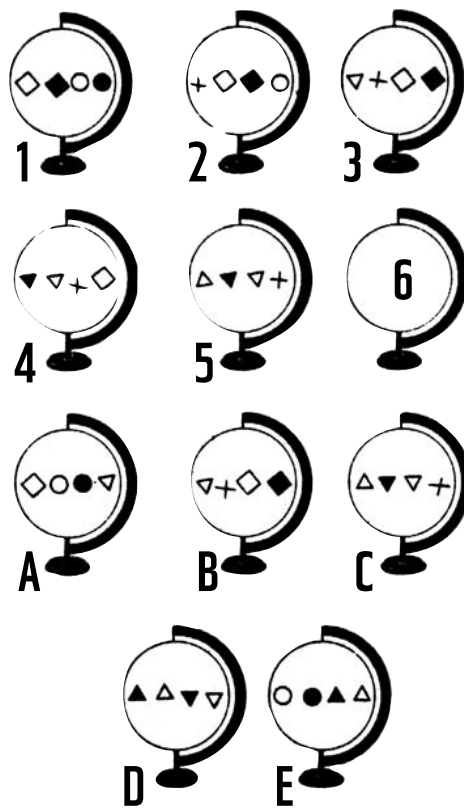
**56** What comes next after the top traffic light?



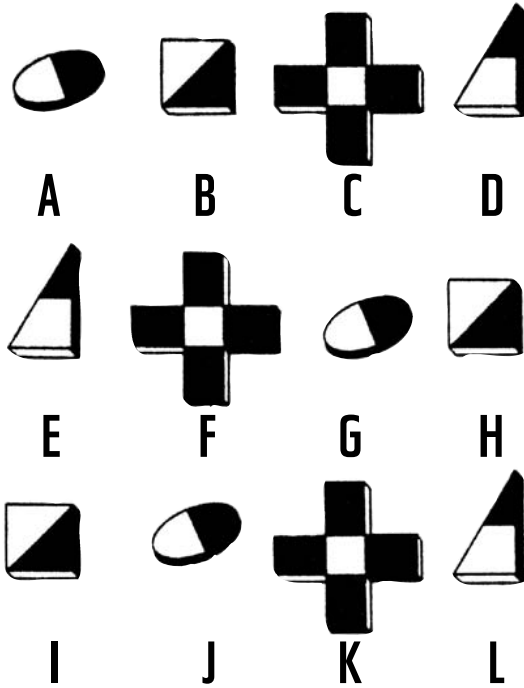
**57** Which is the missing keystone?



**58** Which globe at the bottom belongs to number 6?



59 Which one is wrong?



60 Which design is the odd one out?

