

$\square$
A
B
C
D
E

22
A
B
C
D
E

23
A
B
C
D
E

24
A
B
C
D
E

25
A
B
C
D
E

26

## AA

27

28

29

30
$\square$

On the left of the example below there are two figures that are alike. On the right there are five more figures: one of these is ... li the two figures on the left and its letter has been marked on your answer sheet.
E , '



B

C

D
E
A...: C

The two shapes on the left are alike in having four sides. They are not identical (the dimensions of the sides vary) but what they share in common is having four sides.

Now do the two practice questions below.
P1

P2
A
B
C
D
E
P1

| $46$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | A | B | C | D | E |
| $47$ |  |  |  |  |  |
|  | A | B | C | D | E |
| $48$ |  |  |  |  |  |
|  | A | B | C | D | E |
| $49$ |  |  |  |  |  |
|  | A | B | C | D | E |
| $50$ |  |  |  |  |  |
|  | A | B | C | D | E |

To answer these questions you have to work out a code. In the boxes on the left are shapes and the code letters that go with them. The top letters mean something different to the bottom ones. You must decide how the letters go with the shapes. Then find the correct code for the from the set of five codes on the right and
The examples below have been done for you and the answers marked on the answer sheet.

E , 1


In the example above, both squares have a Y at the top but the circle has an X , so the top code must be for shape. Both white shapes have an S at the bottom, but the shaded shape has a T , so the bottom code must be for shading. The test shape is a shaded circle so its code letters must be $X$ for circle and $T$ for shading, and $\mathbf{B}$ has been marked on the answer sheet. Now look at the second example:

## E , 12

Both circles have an $M$ at the top but the triangle has an $N$, so the top code must be for shape. The bottom code letter is different for each shape so G, H and I must be the codes for no dot, one dot and two dots. The test shape is a triangle with no dots so its code letters must be N for triangle and G for no dots, and $\mathbf{A}$ has been marked on the answer sheet. Now do the practice question below.

## P1



Both six-sided shapes have an $R$ at the top and both four-sided shapes have an $S$, so the top code must be for the shape. The bottom codes show that both shapes with diagonal lines have an F, the unshaded shape a G and the shaded shape an H, so the bottom codes must be for the shading. The test shape is six-sided and unshaded so its code letters must be R for shape and G for shading, so $\mathbf{E}$ is the correct answer.








76

$$
77
$$

78


## 79


80



