Fourth Non-verbal Reasoning Paper

Find the shape or pattern which completes the square. Circle the letter.

Example

1

2

3

4

5
Find the shape or pattern which completes or continues the given series. Circle the letter.

Example

13

14

15

16

17
Which shape is most similar to the shapes in the group on the left? Circle the letter.

Example

24

25

26

27

28
Find the shape or pattern which completes the second pair in the same way as the first pair. Circle the letter.

Example

$$\begin{align*}
\text{is to} & \quad \text{as} & \quad \text{is to} \\
\text{a} & \quad \text{b} & \quad \text{c} & \quad \text{d} & \quad \text{e}
\end{align*}$$

35

$$\begin{align*}
\text{is to} & \quad \text{as} & \quad \text{is to} \\
\text{a} & \quad \text{b} & \quad \text{c} & \quad \text{d} & \quad \text{e}
\end{align*}$$

36

$$\begin{align*}
\text{is to} & \quad \text{as} & \quad \text{is to} \\
\text{a} & \quad \text{b} & \quad \text{c} & \quad \text{d} & \quad \text{e}
\end{align*}$$

37

$$\begin{align*}
\text{is to} & \quad \text{as} & \quad \text{is to} \\
\text{a} & \quad \text{b} & \quad \text{c} & \quad \text{d} & \quad \text{e}
\end{align*}$$

38

$$\begin{align*}
\text{is to} & \quad \text{as} & \quad \text{is to} \\
\text{a} & \quad \text{b} & \quad \text{c} & \quad \text{d} & \quad \text{e}
\end{align*}$$

39

$$\begin{align*}
\text{is to} & \quad \text{as} & \quad \text{is to} \\
\text{a} & \quad \text{b} & \quad \text{c} & \quad \text{d} & \quad \text{e}
\end{align*}$$
In which larger shape or pattern is the small shape hidden? Circle the letter.

Example

```latex
\begin{align*}
\text{Example} \quad & \quad \text{abc} \quad \text{d} \quad \text{e} \\
\text{a} \quad & \quad \text{b} \\
\end{align*}
```
Look carefully at the shapes and codes given.
Select the code which matches the shape given at the end of each line.

Example

UI  RO  RI  NL  UL  ?  NO

52
LE  CN  LO  CO  LN  ?

53
XG  YH  YI  YG  XH  ?

54
PG  IG  LH  PH  ?

55
BH  JS  BQ  JE  BS  ?

56
AX  BY  CX  AZ  DY  ?

57
PO  PL  RT  PL  RT  ?
<p>| Answers | 1 | c | 31 | a |
| Answers | 2 | d | 32 | d |
| Answers | 3 | b | 33 | d |
| Answers | 4 | a | 34 | c |
| Answers | 5 | a | 35 | b |
| Answers | 6 | c | 36 | a |
| Answers | 7 | d | 37 | c |
| Answers | 8 | a | 38 | c |
| Answers | 9 | d | 39 | b |
| Answers | 10 | b | 40 | e |
| Answers | 11 | a | 41 | e |
| Answers | 12 | c | 42 | c |
| Answers | 13 | c | 43 | c |
| Answers | 14 | c | 44 | e |
| Answers | 15 | c | 45 | e |
| Answers | 16 | b | 46 | b |
| Answers | 17 | a | 47 | e |
| Answers | 18 | a | 48 | d |
| Answers | 19 | d | 49 | d |
| Answers | 20 | b | 50 | d |
| Answers | 21 | e | 51 | e |
| Answers | 22 | d | 52 | CE |
| Answers | 23 | c | 53 | XI |
| Answers | 24 | e | 54 | IH |
| Answers | 25 | e | 55 | JQ |
| Answers | 26 | d | 56 | DZ |
| Answers | 27 | d | 57 | PL |
| Answers | 28 | b |  |  |
| Answers | 29 | c |  |  |
| Answers | 30 | c |  |  |</p>
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<thead>
<tr>
<th>Question type</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
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<td>Finding the most similar shape</td>
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<td>●</td>
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<td>Finding a shape within another shape</td>
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<td>Finding the shape to complete the pair</td>
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<td>Finding the shape to continue the series</td>
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<td>Finding the code to match the shape</td>
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<tr>
<td>Finding the shape that is a reflection of a given shape</td>
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<td>Finding the shape made when two shapes are combined</td>
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<td>Finding the cube that cannot be made from a given net</td>
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