Section 1 — Changing Bugs

Look at how the first bug changes to become the second bug. Then work out which option would look like the third bug if you changed it in the same way.

**Example:**

![Example Image]

**Answer:** c

1

![Image 1]

**Answer:** c

2

![Image 2]

**Answer:** c

3

![Image 3]

**Answer:** c

4

![Image 4]

**Carry on to the next question**

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Section 2 — Odd One Out

Find the figure in each row that is most unlike the other figures.

Example:

```
<table>
<thead>
<tr>
<th>a</th>
<th>b</th>
<th>c</th>
<th>d</th>
<th>e</th>
</tr>
</thead>
<tbody>
<tr>
<td>🔄</td>
<td>🔄</td>
<td>🔄</td>
<td>🔄</td>
<td>🔄</td>
</tr>
</tbody>
</table>
```

Answer: a

1.

```
<table>
<thead>
<tr>
<th>a</th>
<th>b</th>
<th>c</th>
<th>d</th>
<th>e</th>
</tr>
</thead>
<tbody>
<tr>
<td>🟩</td>
<td>🟩</td>
<td>🟩</td>
<td>🟩</td>
<td>🟩</td>
</tr>
</tbody>
</table>
```

2.

```
<table>
<thead>
<tr>
<th>a</th>
<th>b</th>
<th>c</th>
<th>d</th>
<th>e</th>
</tr>
</thead>
<tbody>
<tr>
<td>🟩</td>
<td>🟩</td>
<td>🟩</td>
<td>🟩</td>
<td>🟩</td>
</tr>
</tbody>
</table>
```

3.

```
<table>
<thead>
<tr>
<th>a</th>
<th>b</th>
<th>c</th>
<th>d</th>
<th>e</th>
</tr>
</thead>
<tbody>
<tr>
<td>🟩</td>
<td>🟩</td>
<td>🟩</td>
<td>🟩</td>
<td>🟩</td>
</tr>
</tbody>
</table>
```

4.

```
<table>
<thead>
<tr>
<th>a</th>
<th>b</th>
<th>c</th>
<th>d</th>
<th>e</th>
</tr>
</thead>
<tbody>
<tr>
<td>🟩</td>
<td>🟩</td>
<td>🟩</td>
<td>🟩</td>
<td>🟩</td>
</tr>
</tbody>
</table>
```

Carry on to the next question → →
5. a b c d e

6. a b c d e

7. a b c d e

8. a b c d e

9. a b c d e

10. a b c d e

Carry on to the next question → →
Section 3 — Cubes and Nets

Work out which of the six cubes can be made from the net.

Example:

Answer: c

1

2

2

3

Carry on to the next question → →
4. a b c d

5. a b c d

6. a b c d

7. a b c d

8. a b c d

Carry on to the next question → →
Section 4 — Reflect the Figure

Work out which option would look like the figure on the left if it was reflected over the line.

Example:

Reflected

Answer: a

1

Reflect

2

Reflect

3

Reflect

4

Reflect

Carry on to the next question → →
5. Reflect

6. Reflect

7. Reflect

8. Reflect

9. Reflect

10. Reflect

Carry on to the next question → →
Section 5 — 2D Views of 3D Shapes

Work out which option is a top-down 2D view of the 3D figure on the left.

Example:

Answer: c

1

2

3

4

Carry on to the next question → →
End of Test