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1) Which of the following figures have line(s) of symmetry?

2) Does the dotted line represent a line of symmetry?

3) Is the dashed line in the following figure line of symmetry?

4) Tick the correct option.
   An isosceles triangle has:
   a) 1 line of symmetry
   b) No lines of symmetry
   c) 2 lines of symmetry
5) Write true/false.
   The axis of symmetry creates a mirror image on the other side. __________

6) If the dotted line is the line of reflection symmetry, complete the following figure.

![Diagram]

7) Draw the second half of the given shape:

![Diagram]

8) The line of symmetry is a line that divides an object into two _____ pieces.
   a) Identical
   b) Different
   c) Unique
   d) None of the above

Answer Q.9 and Q.10 based on the given instructions.

9) Draw the lines of symmetry for the following figures.
10) How many line(s) of symmetry are there on your picture?
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“I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda.”
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<table>
<thead>
<tr>
<th>Q.</th>
<th>Answer</th>
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<tr>
<td>1)</td>
<td>b), c), d)</td>
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<tr>
<td>2)</td>
<td>No</td>
</tr>
<tr>
<td>3)</td>
<td>Yes</td>
</tr>
<tr>
<td>4)</td>
<td>a)</td>
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<tr>
<td>5)</td>
<td>True</td>
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<td>6)</td>
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<tr>
<td>8)</td>
<td>a)</td>
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<td>9)</td>
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<tr>
<td>10)</td>
<td>1</td>
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1. An object and its image are symmetrical with reference to its mirror line.

2. **Symmetry** states that one shape is identical to the other shape when it is moved, rotated, or flipped.

3. The line of symmetry is a line that divides an object into two identical pieces.