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### Identifying Shapes

**Answer Key**

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**Solve each problem.**

1) Billy sketched a logo into the shape of a decagon how many sides would the logo have?

2) Lana bought a poster with 4 equal length sides. What shape was the poster she bought?

3) Roger was looking at coin shapes from other countries and found one with 10 sides. This coin is what shape?

4) For an art project John cut a sheet of paper into a shape with 4 sides, but none of them were the same length. What type of shape was the paper?

5) A stained glass window is made of hundreds of tiny heptagons. How many sides would each heptagon have?

6) While reading a book about buildings, Nancy saw a building with 6 sides. This building is an example of what shape?

7) A normal piece of notebook paper has 4 sides, 2 that are the same length and another 2 that are the same length. What type of shape is the paper?

8) Bianca’s family is building a pool in the shape of a nonagon. How many sides will the pool have?

9) Chloe was doing a craft project where she cut a piece of paper into a shape with 7 sides. What is the name of this shape?

10) Vanessa’s family is building a pool in the shape of a nonagon. How many sides will the pool have?

11) An octagon is a shape with how many sides?

12) Isabel noticed that a table top had 5 sides. Because it has 5 sides, the top of the table would be what shape?

13) While drawing on some scrap paper, Tom drew a shape with 9 sides. What is the name of this shape he drew?

14) The patterns on a soccer ball are pentagons and hexagons. How many sides does the pentagon portion have?

15) Oliver heard that a shape with 3 sides has angles that will always equal 180°. What shape did learn about?

<table>
<thead>
<tr>
<th>Answers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. 10</td>
</tr>
<tr>
<td>2. Square</td>
</tr>
<tr>
<td>3. Decagon</td>
</tr>
<tr>
<td>4. Quadrilateral</td>
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<tr>
<td>5. 7</td>
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<tr>
<td>6. Hexagon</td>
</tr>
<tr>
<td>7. Rectangle</td>
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<tr>
<td>8. 9</td>
</tr>
<tr>
<td>9. Heptagon</td>
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<tr>
<td>10. 9</td>
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<tr>
<td>11. 8</td>
</tr>
<tr>
<td>12. Pentagon</td>
</tr>
<tr>
<td>13. Nonagon</td>
</tr>
<tr>
<td>14. 5</td>
</tr>
<tr>
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Solve each problem.

1) The patterns on a soccer ball are hexagons and pentagons. How many sides does the Hexagon portion have?

2) While reading a book about buildings, Isabel saw a building with 6 sides. This building is an example of what shape?

3) A stained glass window is made of hundreds of tiny heptagons. How many sides would each heptagon have?

4) While drawing on some scrap paper, Sam drew a shape with 9 sides. What is the name of this shape he drew?

5) For an art project Kaleb cut a sheet of paper into a shape with 4 sides, but none of them were the same length. What type of shape was the paper?

6) An octagon is a shape with how many sides?

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8) Wendy's family is building a pool in the shape of a nonagon. How many sides will the pool have?

9) A normal piece of notebook paper has 4 sides, 2 that are the same length and another 2 that are the same length. What type of shape is the paper?

10) Megan was doing a craft project where she cut a piece of paper into a shape with 7 sides. What is the name of this shape?

11) Henry was looking at coin shapes from other countries and found one with 10 sides. This coin is what shape?

12) While walking to school, Oliver saw a sign with 8 sides. What shape would the sign be?

13) Chloe's family is building a pool in the shape of a nonagon. How many sides will the pool have?

14) Cody sketched a logo into the shape of a decagon how many sides would the logo have?

15) John heard that a shape with 3 sides has angles that will always equal 180°. What shape did learn about?
Identifying Shapes

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