



**Solve each problem.**

**Answers**

- 1) The patterns on a soccer ball are pentagons and hexagons. How many sides does the pentagon portion have?
- 2) While walking to school, Cody saw a sign with 8 sides. What shape would the sign be?
- 3) Rachel 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?
- 4) An octagon is a shape with how many sides?
- 5) Sarah's family is building a pool in the shape of a nonagon. How many sides will the pool have?
- 6) Roger was looking at coin shapes from other countries and found one with 10 sides. This coin is what shape?
- 7) Jerry heard that a shape with 3 sides has angles that will always equal  $180^\circ$ . What shape did he learn about?
- 8) Olivia bought a poster with 4 equal length sides. What shape was the poster she bought?
- 9) Maria noticed that a table top had 5 sides. Because it has 5 sides, the top of the table would be what shape?
- 10) 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?
- 11) The patterns on a soccer ball are hexagons and pentagons. How many sides does the Hexagon portion have?
- 12) Mike sketched a logo into the shape of a decagon how many sides would the logo have?
- 13) A stained glass window is made of hundreds of tiny heptagons. How many sides would each heptagon have?
- 14) While reading a book about buildings, Katie saw a building with 6 sides. This building is an example of what shape?
- 15) 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?

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**Answers**

1. 5
2. Octagon
3. Heptagon
4. 8
5. 9
6. Decagon
7. Triangle
8. Square
9. Pentagon
10. Quadrilateral
11. 6
12. 10
13. 7
14. Hexagon
15. Rectangle