



**Solve each problem.**

**Answers**

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

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Answers

1. quadrilateral
2. 9
3. decagon
4. heptagon
5. pentagon
6. 5
7. 8
8. 7
9. nonagon
10. hexagon
11. 6
12. square
13. triangle
14. octagon
15. 10