

**Solve each problem.****Answers**

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

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Answers

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