



Solve each problem.

Answers

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

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Answers

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