



**Solve each problem.**

**Answers**

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

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**Answers**

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