



Solve each problem.

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

Answers

1. _____
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Answers

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