

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

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

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Answers

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