Identifying Shapes

Solve each problem.

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?

Answers

1. _____________
2. _____________
3. _____________
4. _____________
5. _____________
6. _____________
7. _____________
8. _____________
9. _____________
10. _____________
11. _____________
12. _____________
13. _____________
14. _____________
15. _____________

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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**