Solve each problem.

1) The patterns on a soccer ball are hexagons and pentagons. How many sides does the Hexagon portion have?

1. _____

2) Olivia's family is building a pool in the shape of a nonagon. How many sides will the pool have?

2. _____

3. _____

3) Isabel 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?

4. _____

4) A normal piece of notebook paper has 4 sides, 2 that are the same length and another 2 that are the same lenght. What type of shape is the paper?

5. _____

5) Adam was looking at coin shapes from other countries and found one with 10 sides. This coin is what shape?

6. _____

7. _____

6) Amy noticed that a table top had 5 sides. Because it has 5 sides, the top of the table would be what shape?

8. _____

7) Mike sketched a logo into the shape of a decagon how many sides would the logo have?

9. _____

8) While drawing on some scrap paper, Will drew a shape with 9 sides. What is the name of this shape he drew?

10. _____

11. _____

9) Cody heard that a shape with 3 sides has angles that will always equal 180°. What shape did he learn about?

12. _____

10) The patterns on a soccer ball are pentagons and hexagons. How many sides does the pentagon portion have?

13. _____

11) While reading a book about buildings, Faye saw a building with 6 sides. This building is an example of what shape?

14. _____

15. _____

12) While walking to school, Edward saw a sign with 8 sides. What shape would the sign be?

13) A stained glass window is made of hundreds of tiny heptagons. How many sides would each heptagon have?

14) For an art project Tom 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?

15) An octagon is a shape with how many sides?

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Answers

1. **6**

2. **9**

3. **heptagon**

4. **rectangle**

5. **decagon**

6. **pentagon**

7. **10**

8. **nonagon**

9. **triangle**

10. **5**

11. **hexagon**

12. **octagon**

13. **7**

14. **quadrilateral**

15. **8**

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					