**Solve each problem.**

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

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

3) For an art project Billy 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?

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

5) Cody sketched a logo into the shape of a decagon how many sides would the logo have?

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

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

8) Vanessa bought a poster with 4 equal length sides. What shape was the poster she bought?

9) Carol 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?

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

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

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

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

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

15) 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?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

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

Name:

**Solve each problem.**

**A n s w e r s**

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

1. _____**9**_____

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

2. _____**7**_____

3)  For an art project Billy 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?

3. ____**quadrilateral**____

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

4. _____**8**_____

5)  Cody sketched a logo into the shape of a decagon how many sides would the logo have?

5. _____**10**_____

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

6. _____**nonagon**_____

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

7. _____**octagon**_____

8)  Vanessa bought a poster with 4 equal length sides. What shape was the poster she bought?

8. _____**square**_____

9)  Carol 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?

9. _____**heptagon**_____

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

10. _____**5**_____

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

11. _____**pentagon**_____

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

12. _____**decagon**_____

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

13. _____**hexagon**_____

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

14. _____**triangle**_____

15)  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?

15. _____**rectangle**_____

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