Fill in the blanks for questions 1 – 7 using Figure 1.

<table>
<thead>
<tr>
<th>Bridle Line</th>
<th>Center Stick</th>
<th>Baton</th>
<th>Tow Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trailing Edge</td>
<td>Keel</td>
<td>Stand-off</td>
<td></td>
</tr>
<tr>
<td>Nose</td>
<td>Cross Stick</td>
<td>Leading Edge</td>
<td></td>
</tr>
</tbody>
</table>

1. ________________
2. ________________
3. ________________
4. ________________
5. ________________
6. ________________
7. ________________

8. The name of the kite is a(n) **Eddy** diamond kite.

9. Kites were used for various reasons throughout history. Which of the following was a kite not used for.
   a. To record air temperatures at different altitudes
   b. To pull a horseless carriage
   c. To prove electricity in lightning
   d. To create weather changes
   e. To create a radio link

10. What year did the Wright Brothers use kites to test their theories for the first flying machine? **1899**

11. In 1919 a German flew a kite train to an altitude of how many feet?
   a. 3,955 feet
   b. 3,195 feet
   c. 31,955 feet
   d. 13,955 feet
   e. 1,395 feet
12. In 1847, a kite flown by Homan Walsh, age 10, aided in the construction of a Suspension bridge across the Niagara River.

13. In World War II kites were used for various reasons, the name(s) of the kite(s) used was/were:
   a. Gibson Girl Box
   b. Garber’s Target Kite
   c. Saul’s Barrage Kite
   d. All the above

14. In Geometry, the kite belongs to what family of shapes?
   a. Non-polygonal
   b. Quadrilateral
   c. Kitagonal
   d. Cellehedral
   e. Parahedral

Use Figure 2 when answering questions 15 – 20.

15. What is the relationship between $\angle BAD$ and $\angle BCD$ ______________ Congruent

16. What is the relationship between $\angle ABC$ and $\angle ADC$ ______________ No Relationship

17. What is the relationship between AE and CE ______________ Congruent

18. What is the relationship between BD and AC ______________ Perpendicular

19. What is the relationship between BE and DE ______________ No Relationship

20. What is the relationship between AB and CB ______________ Congruent