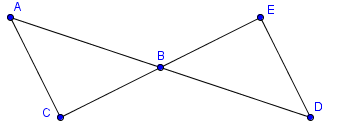
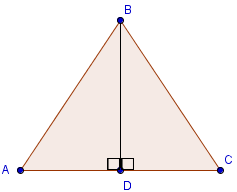
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_

**Geometry – Proof Practice**

1. Given:

Prove:

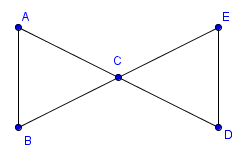
|  |  |
| --- | --- |
| **Statement** | **Reason** |
|  | Given |
|  | Given |
|  | Vertical angles are congruent |
|  | ASA Postulate |

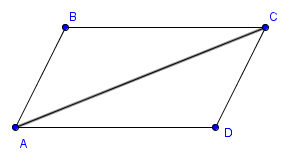


2. Given: D is the midpoint of,

Prove:

|  |  |
| --- | --- |
| **Statement** | **Reason** |
| D is the midpoint of | Given |
|  | Given |
|  | Definition of midpoint |
|  | Reflexive Property |
|  | SAS Postulate |

3. Given: C is the midpoint of, C is the midpoint of

 Prove:

|  |  |
| --- | --- |
| **Statement** | **Reason** |
| C is the midpoint of | Given |
| C is the midpoint of | Given |
|  | Definition of midpoint |
|  | Definition of midpoint |
|  | Vertical angles are congruent |
|  | SAS Postulate |

4. Given:,

Prove:

|  |  |
| --- | --- |
| **Statement** | **Reason** |
|  | Given |
|  | Given |
|  | Parallel lines make Alternate Interior Angles congruent. |
|  | Reflexive Property |
|  | AAS Postulate |