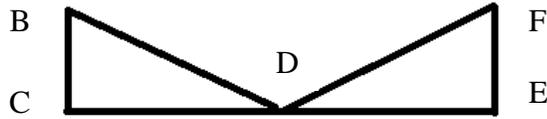


Geometry Practice Proofs

Name _____

1. **Given:** D is the midpoint of CE, $\angle BCD$ and $\angle FED$ are right angles, and $BD \cong FD$.

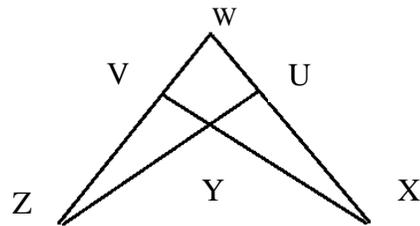
Prove: $\triangle BCD \cong \triangle FED$



| Statements | Reasons |
|------------|---------|
| 1) | 1) |
| 2) | 2) |
| 3) | 3) |

2. **Given:** $\angle X \cong \angle Z$, and $VW \cong UW$.

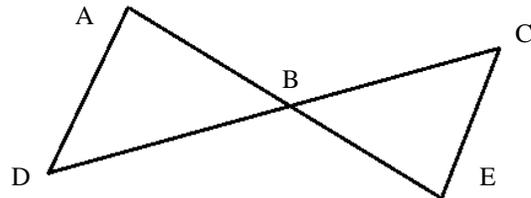
Prove: $\triangle XWV \cong \triangle ZWU$



| Statements | Reasons |
|------------|---------|
| 1) | 1) |
| 2) | 2) |
| 3) | 3) |

3. **Given:** $AD \parallel EC$, $BD \cong BC$

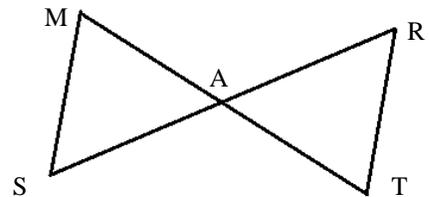
Prove: $\triangle ABD \cong \triangle ECB$



| Statements | Reasons |
|------------|---------|
| 1) | 1) |
| 2) | 2) |
| 3) | 3) |
| 4) | 4) |

4. **Given:** A is the midpoint of MT, A is the midpoint of SR

Prove: $MS \parallel TR$



| Statements | Reasons |
|------------|---------|
| 1) | 1) |
| 2) | 2) |
| 3) | 3) |
| 4) | 4) |
| 5) | 5) |
| 6) | 6) |