**More Proof Practice:**

1.

Given: ∠2 ≅ ∠3 1 2

Prove: ∠1 ≅ ∠3 3

|  |  |
| --- | --- |
| Statements | Reasons |
| 1. | 1. |
| 2. ∠1 ≅ ∠2 | 2. |
| 3. | 3. Substitution (or Transitive Prop) |

2. A

Given: ∠A Compl ∠ABD B

∠E Compl ∠CBE C D

Prove: ∠A ≅ ∠E

E

|  |  |
| --- | --- |
| Stmnts | Reasons |
| 1. | 1. Given |
|  |  |
| 2. | 2. Vertical ∠s |
| 3. ∠A ≅ ∠E |  |