Linear Pair Proof Practice

The properties that you know are:

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| Reflexive Property of Equality | Substitution Property of Equality | Addition Property of Equality | Multiplication Property of Equality | Given |
| Symmetric Property of Equality | Simplify | Subtraction Property of Equality, | Division Property of Equality | Linear Pair Theorem |

Explain every step of each proof below, using the 10 properties listed above.

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| 1. |  | |  | 2. |  |
| Given:  Prove: | | |  | Given:  Prove: | |
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| 3. |  |  | 4. |  |
| Given:    Prove: | |  | Given:    Prove: | |
| are  a linear pair |  |  |  |  |
|  |  |  | are  a linear pair |  |
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| 5. |  |  | 6. |  |
| Given: are a linear pair.    Prove: | |  | Given: are a linear pair.    Prove: | |
| are a linear pair. |  |  | are a linear pair. |  |
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| 7. |  | |  | 8. |  |
| Given:    Prove: | | |  | Given:    Prove: | |
| are a linear pair | |  |  |  |  |
|  | |  |  | are  a linear pair |  |
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