Name:

Date:

School:

Facilitator:

4.07 Proving Angle Relationships

Total Points: 48

**Match each statement with the definition, property, postulate, or theorem that justifies it.**

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| **A.** Definition of Complementary | **B.** Substitution Property | **C.** Definition of Right Angle |
| **D.** Transitive property | **E.** Supplement Theorem | **F.** Congruent Right Angles Theorem |



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| 1. |       |  |
| 2. |       |  |
| 3. |       |  |
| 4. |       |  |
| 5. |       |  |
| 6. |       |  |

**Complete each proof below.**

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|  | **Statements** | **Reasons** |  |
|  |  | a.       |  |
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| **Statements** | **Reasons** |  |
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|  | b.      |  |
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|  | c.       |  |