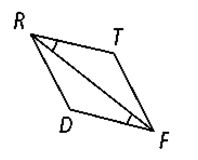
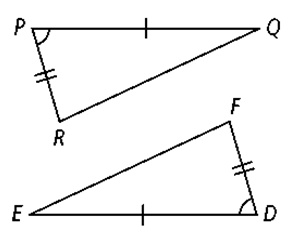
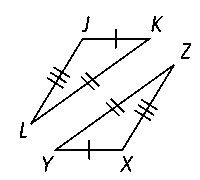
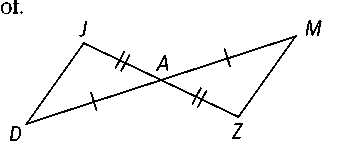
NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| **Key Concept** | **Notes** |
| **SSS Postulate** | If the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of one triangle are \_\_\_\_\_\_\_\_\_\_\_\_ to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of another triangle, then the two triangles are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |
| **SAS Postulate** | If \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of one triangle are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  of another triangle, then the two triangles are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |
| **Problem 1** | Given: ≅ , ≅  Prove: Δ*LMN* ≅ Δ*NPL*  C:\Users\JIMCOL~1\AppData\Local\Temp\SNAGHTML570f4070.PNG |
| **Problem 2** | **Would you use SSS or SAS to prove triangles congruent? If so, name the postulate and write a congruency statement. If there is not enough information to prove the triangles congruent, write *not enough information.***  **A. B.**      **C. D.** |
| **Overlapping Triangles**  **Problem 3** | C:\Users\JIMCOL~1\AppData\Local\Temp\SNAGHTML533e44c5.PNG |

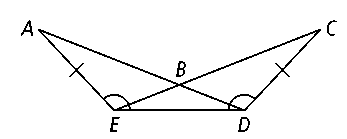
APPLICATION

**Would you use SSS or SAS to prove triangles congruent? If so, name the postulate and write a congruency statement. If there is not enough information to prove the triangles congruent, write *not enough information.***

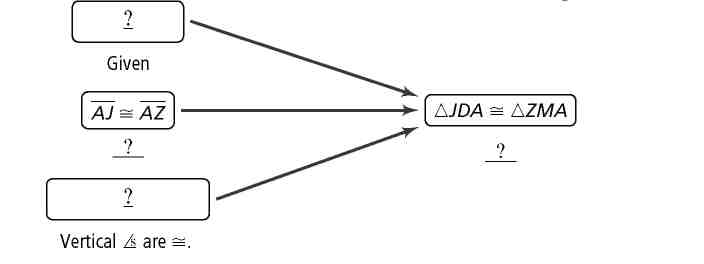
**1. 2. 3.**

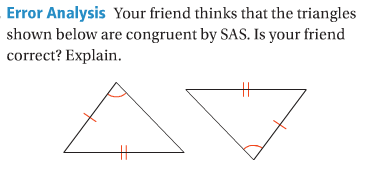
**4. Complete the flow proof. 5. Given: ≅ ; ∠*AED* ≅ ∠*CDE***

**Prove: ∆*AED* ≅ ∆*CDE***

**Given:** *, *

**Prove:** ∆*JDA* ≅ ∆*ZMA*

****

COMPREHENSION

**6.**