Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- |
| Use the following to review for you test. **Show your work on a separate sheet of paper if needed.** | | | |
| **Things to Know** | **Things to Remember** | **Examples** | |
| Triangle Congruence  SSS, SAS, ASA, AAS, HL, None | | G  H  I  F  C | B  A  D C |
| 1. RPS \_\_\_\_\_, by \_\_\_\_\_\_ | 1. LNO \_\_\_\_\_, by \_\_\_\_\_\_ |
| 1. RPS \_\_\_\_\_, by \_\_\_\_\_\_   R  P  S  Q | 1. FJG \_\_\_\_\_, by \_\_\_\_\_\_ |
| 1. ABC \_\_\_\_\_, by \_\_\_\_\_\_ | 1. LMN \_\_\_\_\_, by \_\_\_\_\_\_   L  O N  P |
| 1. RST \_\_\_\_\_, by \_\_\_\_\_\_   R U  S T V W | 1. RPS \_\_\_\_\_, by \_\_\_\_\_\_   R  P S    T |
| CPCTC  Congruent Parts of Congruent Triangles are congruent | | 11.  12. | |
| Solving Quadrilaterals | | 13. JKLM is a parllelogram.  Find each measure.  z = \_\_\_\_\_\_\_ x = \_\_\_\_\_\_\_  LK = \_\_\_\_\_\_ MJ = \_\_\_\_\_\_  = \_\_\_\_\_\_ = \_\_\_\_\_\_  14.  15. Find x and y.  Image result for parallelogram problem  16. What are the special properties of a rectangle? Rhombus? Isosceles trapezoid? | |
| Proofs  State what is given first, and mark your picture!  Step 1 – Write down the givens  Step 2 – Make any marks that you know are congruent (reflexive property, vertical angles, alternate interior angles)  Step 3 – The last Statement will always be showing the Triangles are (SSS, SAS, ASA, AAS, HL) | | 17. Given:  Prove:   |  |  | | --- | --- | | **Statements** | **Reasons** | | 1. | 1. | | 2. | 2. | | 3. | 3. | | 4. | 4. |   18. Given:  Prove:   |  |  | | --- | --- | | **Statements** | **Reasons** | | 1. | 1. | | 2. | 2. Given | | 3. | 3. | | 4. | 4. | | 5. | 5. |   19.  Complete the following proof:   |  |  | | --- | --- | | **Statement** | **Reason** | | 1. | 1. | | 2. | 2. | | 3. | 3. | | 4. | 4. |   20.  21.  22. | |