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

|  |
| --- |
| 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 CongruenceSSS, SAS, ASA, AAS, HL, None | 1.

GHIFC | 1.

 B A D C |
| 1. RPS$≅$ \_\_\_\_\_, by \_\_\_\_\_\_
 | 1. LNO$≅$ \_\_\_\_\_, by \_\_\_\_\_\_
 |
| 1. RPS$≅$ \_\_\_\_\_, by \_\_\_\_\_\_

 R P SQ | 1. FJG $≅$ \_\_\_\_\_, by \_\_\_\_\_\_

 |
| 1. ABC $≅$ \_\_\_\_\_, by \_\_\_\_\_\_
 | 1. LMN $≅ $ \_\_\_\_\_, by \_\_\_\_\_\_

 LO N P |
| 1. RST $≅$ \_\_\_\_\_, by \_\_\_\_\_\_

 R US 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 = \_\_\_\_\_\_$∠L$ = \_\_\_\_\_\_ $∠K$ = \_\_\_\_\_\_14.15. Find x and y.Image result for parallelogram problem16. What are the special properties of a rectangle? Rhombus? Isosceles trapezoid? |
| ProofsState what is given first, and mark your picture!Step 1 – Write down the givensStep 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.  |