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** |
| Properties of Parallelograms | * Opposites angles are congruent
* Consecutive angles are supplementary
* Opposite sides are equal
* Diagonals bisect each other
 | 1. Find x.

 | 1. Find m and n.

 |
| 1. Find x and y.

 | 1. Find x and y.

 |
| Special Parallelograms | * A rectangle is a parallelogram with 4 right angles,
* A rhombus is a parallelogram with 4 congruent sides.
* A square is a rectangle and rhombus
 | 1. Find x and y.

 | 1. Find x and y.

 |
| Triangle Congruence | SSS, SAS, ASA, AAS, HL, None | 1.

GHIFC | 1.

ABCD |
| 1.

 | 1. The diagonals bisect each other.

 |
| CPCTC | Corresponding Parts of Congruent Triangles are Congruent | 1. ΔDFE  12. ΔEFG ΔKML, find X and Z.

 **Choice Bank**: SSS SAS ASA AAS HL CPCTC Vertical Angles are Reflexive Property Alternate Interior Angles  Right Angles are Transitive Property Definition of a Midpoint Given1. Given:

Prove:

|  |  |
| --- | --- |
| **Statements** | **Reasons** |
| 1.  | 1.  |
| 2.  | 2. |
| 3. are right angles. | 3.  |
| 4.  | 4.  |
| 5.  | 5. |

1. Given:

Prove:

|  |  |
| --- | --- |
| **Statements** | **Reasons** |
| 1.  | 1.  |
| 2.  | 2. Given |
| 3.  | 3.  |
| 4.  | 4. |
| 5.  | 5.  |

 |
| Proofs | State 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) |