**H. Geometry - Bellwork #50 Date: \_\_\_\_\_\_**

1. Given: . Complete the statements.

A. \_\_\_\_\_ B.  C. 

D. \_\_\_\_ E.  F. 

For 2-11, state the postulate or theorem (SSS, SAS, ASA, AAS, or HL) that could be used to prove the triangles congruent. If the triangles cannot be proven congruent, write not possible.

B

C

D

A

J

K

M

L

H

T

Q

R

S

2. 3. 4.

\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_

M

J

P

N

L

K

F

D

E

G

H

U

V

W

Y

T

X

5. 6. 7.

\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_

8. 9. 10.

D

E

G

F

S

T

U

V

W

H

J

G

M

L

K

\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_

11.

S

T

U

V

**\_\_\_\_\_\_\_\_\_**

***Turn to the back for more ☺***

***For 12 and 13, complete each proof.*** A B

**12**.

Given: ||,  D C

Prove: 

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

Q

**13.** K A



B

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