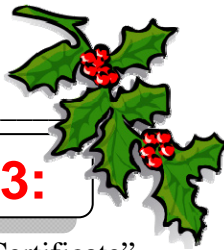


Name _____



Holiday Caching **LEVEL 3:**

Show all work on this paper. There is a printable "Certificate" at the end of this level. If you are starting at Level 3, your teacher will give you the URL to start at Box 7. Otherwise, start at Box 1: <http://mathbits.com/caching/holiday/holidaycaching.html>

Box 7:

Sketch the diagram for marking purposes:

1.

2. $m\angle 1 =$ _____

6. $m\angle 6 =$ _____

3. $m\angle 2 =$ _____

7. $m\angle 7 =$ _____

4. $m\angle 4 =$ _____

8. $m\angle 8 =$ _____

5. $m\angle 5 =$ _____

Box 8:

Sketch the diagram for marking purposes:

Girls on the RED path:

1. $m\angle FEH =$ _____

2. $m\angle EHN =$ _____

Girls on the GREEN path:

3. $m\angle KCM =$ _____

4. $m\angle CMD =$ _____

5. $m\angle MDP =$ _____

Girls on the BLUE path:

6. $m\angle JBC =$ _____

7. $m\angle BCD =$ _____

Box 9:

1.

2.

3.

4.

5.