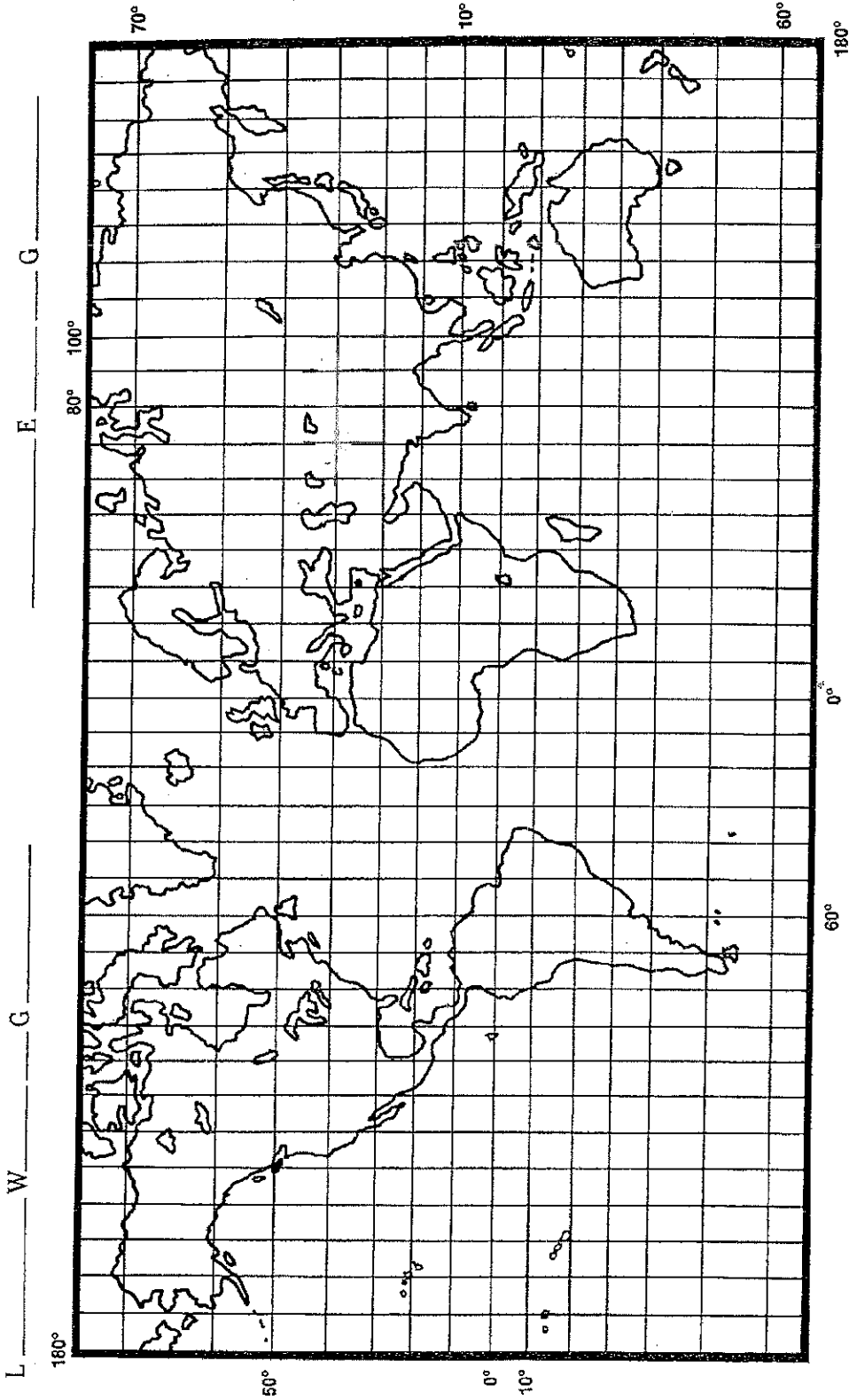


Name: _____ Date: _____

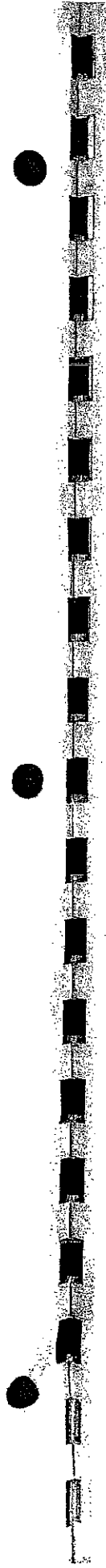
Worksheet Map

M _____ M _____ I _____



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Where on Earth? Understanding Latitude and Longitude



Activity M
Mercator Map III

This exercise will combine the two types of location; absolute and relative.

Absolute location is usually given as a grid coordinates of latitude and longitude.

- Linton is located at 39.034° North and -87.165° West

Relative location is usually given in a relationship to a larger area.

- Linton could be described as being located in Southwestern Indiana east of the Wabash River;
- Linton is located in Southwest Indiana west of the West Fork of the White River and East of the Wabash River.
- Linton is located in Southwest Indiana East of the Wabash River and North of the Ohio river.
- Linton is located in Southwestern Indiana approximately 40 miles Southeast of Terre Haute, 40 miles Southwest of Bloomington, and 40 miles Northeast of Vincennes.

Directions:

1. Complete the map on the worksheet M, by neatly and carefully finishing the numbering of the lines of latitude and longitude.
2. On the map locate the items listed below by the coordinates and place a dot at that location and label it.
3. Then on the line provided, write a concise relative location of the item.

1. Lake Nicaragua $11^{\circ} 30'N$ $85^{\circ} 30' W$

2. Springfield, Missouri $37^{\circ} 14'N$ $93^{\circ} 17'W$ _____

3. Miami, Florida $25^{\circ} 45'N$ $80^{\circ} 15'W$ _____

4. Havana, Cuba $23^{\circ} 7'N$ $82^{\circ} 25'W$

5. Reykjavik, Iceland $64^{\circ} 9'N$ $21^{\circ} 58'W$ _____

6. Great Salt lake, Utah $41^{\circ} 10'N$ $112^{\circ} 30'W$ _____

7. Mount Kilimanjaro, Tanzania $3^{\circ} 2'S$ $37^{\circ} 20'E$

8. Helsinki, Finland $60^{\circ} 8' N$ $25^{\circ} 0' E$ _____

9. Alice Springs, Australia $23^{\circ} 42' S$ $133^{\circ} 52' E$ _____

10. Seoul, South Korea $37^{\circ} 30' N$ $127^{\circ} 0' E$

11. Colombo, Sri Lanka $6^{\circ} 55' N$ $79^{\circ} 52' E$ _____

12. Manila, Philippines $14^{\circ} 36' N$ $120^{\circ} 59' E$ _____

13. St Helena Island $15^{\circ} 58' S$ $5^{\circ} 43' W$

14. Johannesburg, South Africa $26^{\circ} 10' S$ $28^{\circ} 2' E$ _____

15. Montevideo, Uruguay $34^{\circ} 55' S$ $56^{\circ} 10' W$