Worksheet MP-1 **Colorado’s Mining Regions**

[**MP-1 Interactive Map**](http://unco.maps.arcgis.com/apps/webappviewer/index.html?id=aeed10c185bd4dfcb11570d2da24cc28)

**Directions:** Do the Step and then the Task for that Step before moving on
to the next Step and Task.

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| **Step 1** | **Your Task** |
| **A. In a browser go to (or click link):**<http://unco.maps.arcgis.com/apps/webappviewer/index.html?id=aeed10c185bd4dfcb11570d2da24cc28>**B. Complete Task #1 & #2** (on your right).  | **1.**This online map shows the Colorado Mountain Region, early trails, and mineral belt ***before*** the gold rush began in Colorado. **2.** Look at the Legend and familiarize yourself with the key and its symbols. In pencil, label **one spot** on the map for each: **an early trail, mountains, the mineral belt and one of the sides of the Colorado border.** |
| **Step 2** | **Your Task** |
| **C.** Close the **Legend** box (X) on online map. **D.** **Complete Task #3** | **3.** Make a **prediction** of the length and width of the Mineral Belt in miles on the map. **Prediction**-Length of Mineral Belt: miles**Prediction**-Width of Mineral Belt:miles |
| **Step 3** | **Your Task** |
| **E.** Click on the ruler icon at the top left to open Measurement box.**F.** Click on the middle icon labeled **Distance** and choose **Miles** from dropdown. **G.** Click on one end of the Mineral Belt.-A green marker will appear. -Now click on the other end of the Mineral Belt for ending point and another green marker will appear with a blue line between the two points. -This will calculate the distance between these two points. -Your total mileage will show in the Measurement box. Use the **Clear** button to start over or to recalculate. Or, close and the Measurement box to also clear measurements. **H. Complete Task #5 & #6.** Record the actual mileage in the Task column.  | **4.** **Do Steps E, F, G & H** on map.**5.** **Using the Measurement Tool**, now measure the **actual** length and width of the Mineral Belt in miles, making sure to find the farthest points from top to bottom for length and widest points across for width. **Actual** Length of Mineral Belt: \_\_\_\_\_\_\_\_\_\_\_\_\_miles**Actual** Width of Mineral Belt: \_\_\_\_\_\_\_\_\_\_\_\_\_\_miles**6.** What was the **difference** between your **prediction** and what you found for the **actual** length and width of the Mineral Belt?**Difference** in Length of Mineral Belt prediction and actual:\_\_\_\_\_\_\_\_\_\_\_miles**Difference** in Width of Mineral Belt prediction and actual:\_\_\_\_\_\_\_\_\_\_\_miles **Work Space:**  |

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| **Step 4** | **Your Task** |
|  | **7.** Look below at the map of Colorado’s early trails, mountains, and mineral belt again. On this map, predict and draw in with a colored pencil where you think some of Colorado’s first mining camps might have been. **8.** Why do you predict this location(s)? Discuss and record your reasons for your choices.**9.** Make another prediction and draw in on the same map with another colored pencil where you think Colorado’s early **mining trails** were.  |
| **Step 5** | **Your Task** |
| **I.** Click on the **Layer List** button . Check on the **Mining Camps and Ghost Towns** layer.Check on the **Gold Rush Trails** layer.**J. Complete Task # 10**  | **10. Compare your two estimates with the map: 1) where you thought the mining camps would be; and 2) where you thought the gold rush trails would be.** Are they both the same? Are they different from each other? If so, why? If not, why? **Write your answers below and discuss with your partner.**  |