

DRAW A COASTLINE

Performance Standard 17A.H

Draw a map with a 100-mile northeast-southwest oriented coastline accordingly:

- *Knowledge:* Identify, draw and label ten geographical items on map (i.e., bay, harbor, peninsula, coastal plain, river that empties into the sea, off-shore island, isthmus, delta, and mountain range).
- *Reasoning:* Identify and logically organize the map using mental maps and concepts of scale, distance, and direction.
- *Communication:* Produce a map that is well-organized and well-detailed; express all ideas in a way that provides evidence of knowledge and reasoning processes.

Procedures

1. *In order to locate, describe and explain places, regions, and features on Earth (17A)*, students should experience sufficient learning opportunities to develop the following skills:
 - Translate a mental map into a sketch form to illustrate relative location of, size and distances between geographic features (e.g., cities, mountains, rivers).
 - Demonstrate understanding of how to display spatial information by constructing maps, graphs, diagrams, and charts that show such information (e.g., choropleth maps, climographs, population pyramids).
 - Use cardinal and intermediate directions, map scale, map symbols, and distance.
2. Provide each student a copy of the “Draw a Coastline” task sheet. Have students review and discuss the assessment task and how the rubric will be used to evaluate their work. Students should rely on their mental maps of the size, shape and configuration of the physical landform features identified to construct an accurate map. Students should also use their knowledge of essential map elements to orient and position the different physical landform features on the map
3. Provide each student a copy of the “Draw a Coastline” task sheet. Ask students to design, draw, and label a 100 mile northeast-southwest oriented coastline that contains the following:
 - directional indicator
 - linear scale
 - bay
 - harbor
 - peninsula
 - coastal plain
 - river that empties into the sea
 - mountain range parallel to the coast but 50 miles inland
 - off-shore island
 - isthmus
 - delta
4. Evaluate each student’s work using the Social Studies rubric as follows and add the scores to determine the performance level:
 - *Knowledge:* Configuration and arrangement of the physical landform features and the distance, direction, and scale were thoroughly and correctly identified.
 - *Reasoning:* Map was logically organized and applications of mental maps and concepts of scale, distance, and direction were appropriate and correct.
 - *Communication:* The map was well-organized and well-detailed; the knowledge and reasoning were completely and effectively communicated on the map.

Examples of Student Work follow

Resources

- Copies of the “Draw a Coastline” task sheet
- Social Studies Rubric

Time Requirements

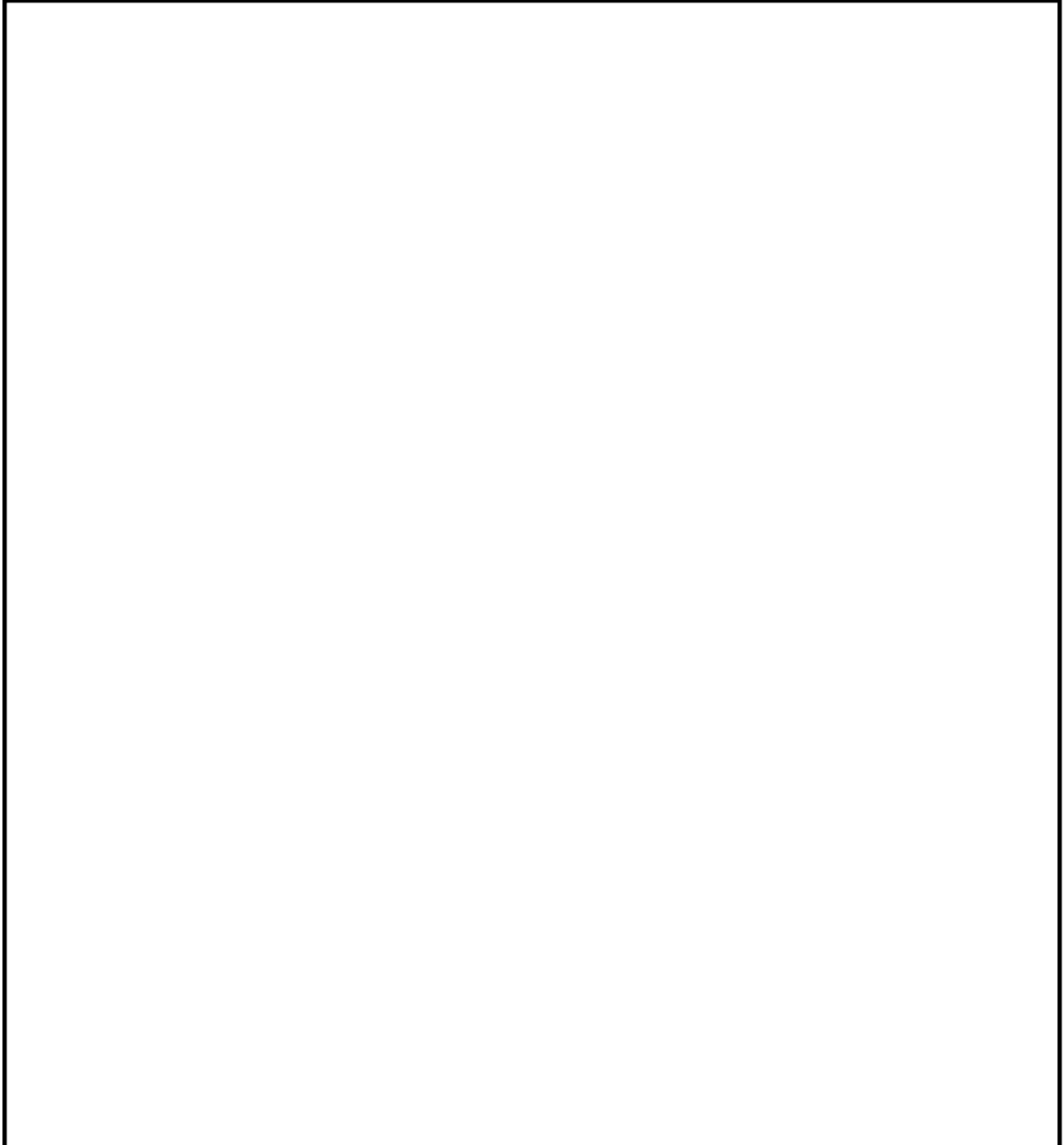
- One class period

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Within the boundary of the area below, design, draw, and label a 100 mile northeast-southwest oriented coastline that contains the following:

1. directional indicator
2. linear scale
3. bay
4. harbor
5. peninsula
6. coastal plain
7. off-shore island
8. isthmus
9. delta river that empties into the sea
10. mountain range parallel to the coast but 50 miles inland

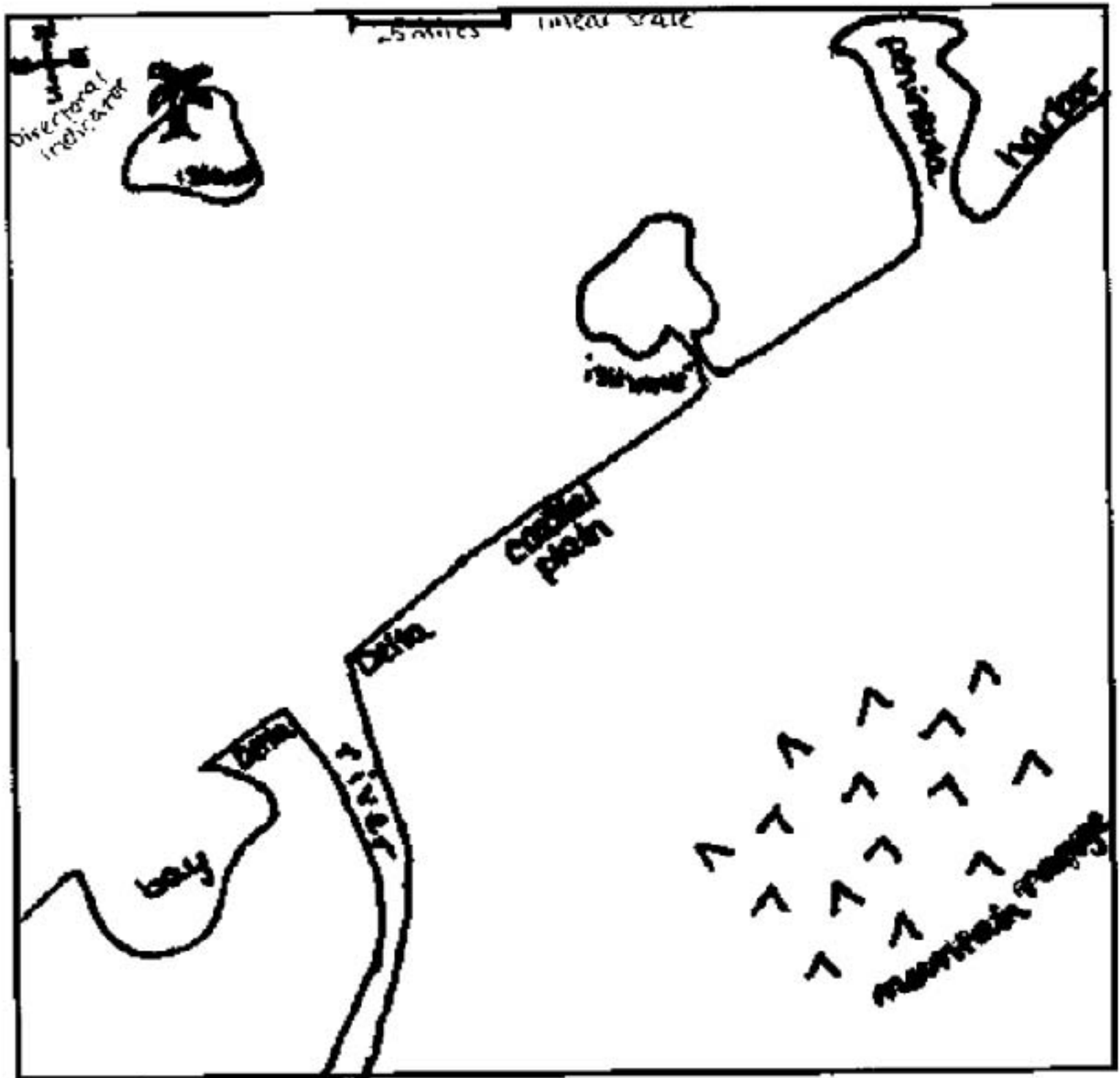
Label first in pencil, then label over in black, fine-tip marker.



DRAW A COASTLINE

Within the boundary of the area below, design, draw, and label a 100 mile northeast-southwest oriented coastline that contains the following:

- 1 a bay
- + a harbor
- 1 a peninsula
- 1 a coastal plain
- a river that empties into the sea
- + a mountain range parallel to the coast but 50 miles inland
- + an off-shore island
- + a directional indicator
- + an isthmus
- + a linear scale
- + a delta



"Exceeds"

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Within the boundary of the area below, design, draw, and label a 100 mile northeast-southwest oriented coastline that contains the following:

- ✓ a bay
- ✓ a harbor
- ✓ a peninsula
- ✓ a coastal plain
- ✓ a river that empties into the sea
- ✓ a mountain range parallel to the coast but 50 miles inland
- ✓ an off-shore island
- ✓ a directional indicator
- ✓ an isthmus
- ✓ a linear scale
- ✓ a delta

