Map Clue Hunt

Read a map maker's notes about Oklahoma's rivers and high land.

3.C.2.2.C "Interpret thematic maps of Oklahoma using essential map elements (e.g., title, legend, scale, compass rose) to examine geographic features of the state."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline the map's title and scale, circle the two symbol meanings in the legend, and number the four location clues so you can use them to answer the questions.

Ana's Oklahoma Map Plan

1. Ana is planning a thematic map of Oklahoma's land and water. Its title is *Oklahoma Rivers and High Land*. A thematic map focuses on a topic instead of showing every road or building. Ana writes a legend for her map. A wavy line means a river, and a small triangle means a hill or mountain. The symbols will help readers spot where these features are.

2. Ana's notes say a wavy line runs along much of Oklahoma's southern edge. It stands for the Red River. Another wavy line crosses the northeastern part of the state. It stands for the Arkansas River. Triangles mark the Wichita Mountains in southwestern Oklahoma and the Ozark hills in northeastern Oklahoma. The compass rose shows north at the top and east at the right.

3. The scale says one inch on Ana's map stands for 50 miles on the land. In her notes, two places are three inches apart on the map. A reader can use the scale to estimate the distance between them. Ana also wants readers to compare where water and high land are marked. Her notes give the locations, while the legend tells readers what the marks mean.

2 ANSWER WITH EVIDENCE

Use the passage

1. How does the map's title match the two kinds of symbols in its legend?

2. What does the wavy line along Oklahoma's southern edge stand for?

3. Use the compass directions and location clues. Where are the Wichita Mountains compared with the Ozark hills?

4. Two places are three inches apart on Ana's map. About how many miles apart are they on the land?

3 YOUR TURN

Your own words

Plan a new thematic map using two Oklahoma features from the passage. Give it a title, invent a different symbol for each feature, choose a scale, and tell where each symbol belongs using direction words.

ANSWER KEY

Map Clue Hunt

GRADE 3 · 3.C.2.2.C

PART 1 · READ AND MARK

Underline the map's title and scale, circle the two symbol meanings in the legend, and number the four location clues so you can use them to answer the questions. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	How does the map's title match the two kinds of symbols in its legend?	**The title names rivers and high land. The wavy lines mark rivers, and the triangles mark hills or mountains.**
2	What does the wavy line along Oklahoma's southern edge stand for?	**The Red River.**
3	Use the compass directions and location clues. Where are the Wichita Mountains compared with the Ozark hills?	**The Wichita Mountains are southwest of the Ozark hills.**
4	Two places are three inches apart on Ana's map. About how many miles apart are they on the land?	**About 150 miles, since each inch stands for 50 miles.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

Title: Oklahoma River and Mountains. Legend: R means the Red River, and W means the Wichita Mountains. Scale: One inch stands for 25 miles. I would put R along the southern edge of Oklahoma. I would put W in southwestern Oklahoma.

Accept other accurate feature pairs and direction words. Student-created symbols must differ from Ana's wavy line and triangle, and the scale must state a map distance and a real distance.