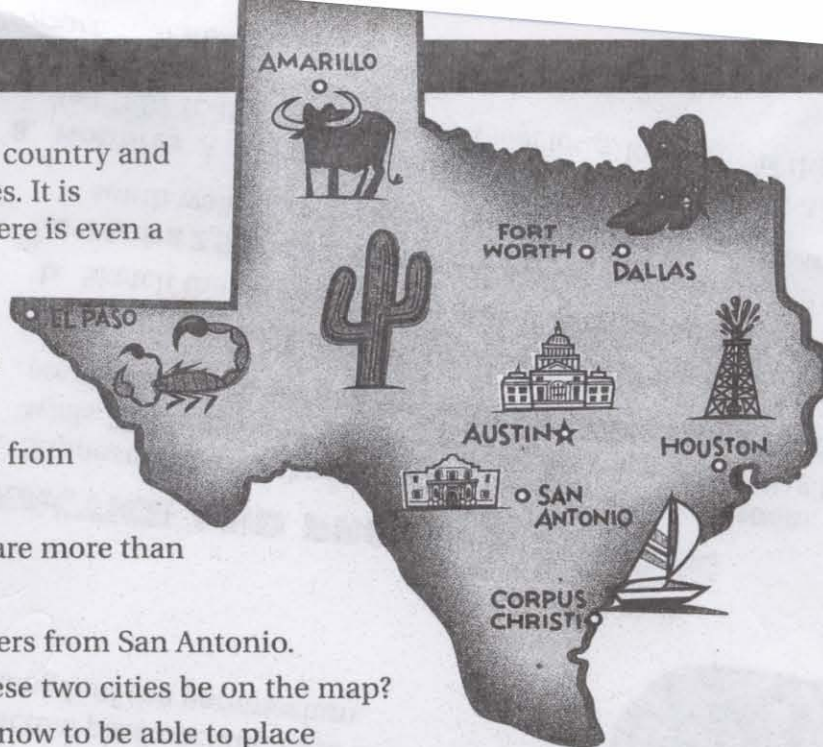


Texas is the second largest state in the country and the largest state in the lower 48 states. It is more than 1,120 kilometers across. There is even a ranch in Texas that is larger than Rhode Island!

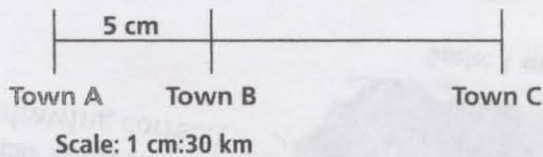


Scale: 1 cm:119 km

9. What is the distance in kilometers from Houston to Dallas?
10. What is the distance in kilometers from Corpus Christi to San Antonio?
11. Name two cities on the map that are more than 200 kilometers apart.
12. Wichita Falls is about 480 kilometers from San Antonio.
 - a. About how far apart should these two cities be on the map?
 - b. What else would you need to know to be able to place Wichita Falls on the map?
13. **Write a Problem** Write a problem using the map and its scale.
14. **Write About It** Explain how to find the actual distance between two cities if you know the distance on a map and the scale of the map.
15. **Challenge** If you drive at a constant speed of 100 kilometers per hour, about how long will it take you to drive from Amarillo to San Antonio?

CRCT PREP • GPS SUPPORT • SPIRAL REVIEW

16. **Multiple Choice** The distance between towns A and C on a map is 13 centimeters. What is the actual distance between towns B and C?



- (A) 0.27 kilometers (B) 150 kilometers (C) 240 kilometers (D) 390 kilometers

17. **Gridded Response** Tanya has a 1 in:32 in. scale model car. The length of the model car is 2 inches. What is the actual length of the car?

Find each sum or difference. (Lesson 3-3)

18. $8.3 - 6.7$ 19. $25.6 + 12.8$ 20. $14 - 5.9$ 21. $8.62 - 4.75$ 22. $15.75 + 9.38$

Find the missing value in each proportion. (Lesson 7-3)

23. $\frac{9}{15} = \frac{x}{5}$ 24. $\frac{b}{20} = \frac{3}{15}$ 25. $\frac{1}{7} = \frac{6}{k}$ 26. $\frac{8}{3} = \frac{a}{9}$ 27. $\frac{p}{4} = \frac{11}{44}$