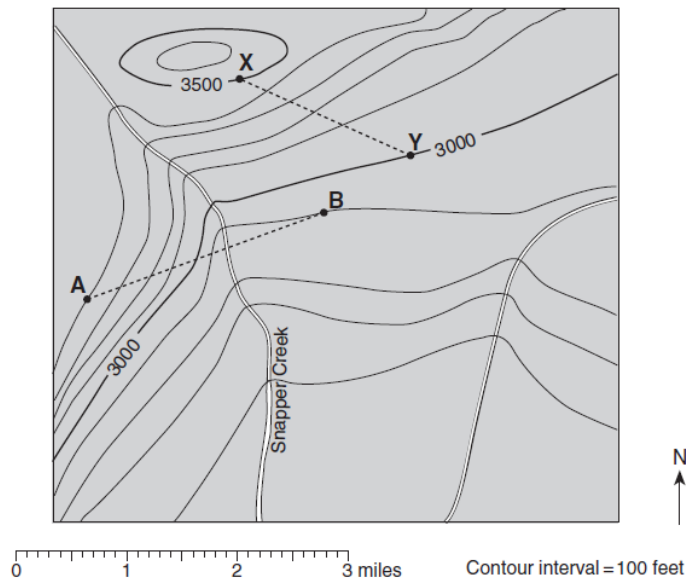


Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

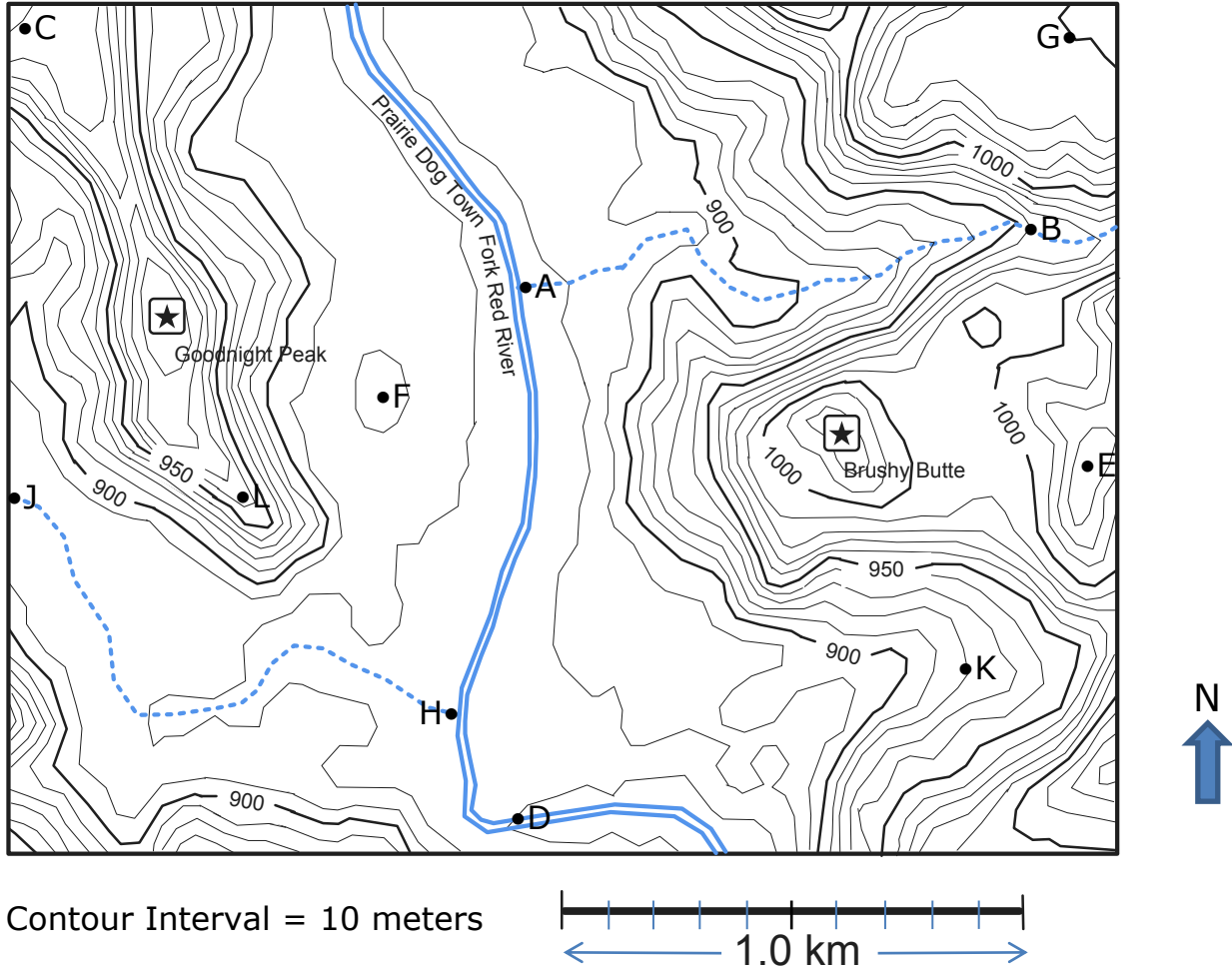
### Topographic Map Reading Worksheet

Use the following topographic map to answer questions 1-8.



1. What is the elevation at point A? \_\_\_\_\_
2. What is the elevation at point B? \_\_\_\_\_
3. What is the elevation at the point on line A-B where it crosses Snapper Creek?  
\_\_\_\_\_
4. If you walked from point A to point B along line A-B, would you be walking downhill or uphill, or both? In what direction would you be walking? Explain your answer, stating the elevations at point A, Snapper Creek and point B.  
\_\_\_\_\_  
\_\_\_\_\_
5. What is the elevation of the highest point shown on the map? \_\_\_\_\_
6. What is the elevation at point X? \_\_\_\_\_
7. What is the elevation at point Y? \_\_\_\_\_
8. If you walked from point X to point Y along line X-Y, would you be walking downhill or uphill, or both? In what direction would you be walking? Explain your answer, stating the elevations at point X and point Y. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Use the following topographic map from Palo Duro Canyon State Park in west Texas to answer questions 9 - 33.



Contour Interval = 10 meters



9. What is the elevation of Goodnight Peak? \_\_\_\_\_
10. What is the elevation of Brushy Butte? \_\_\_\_\_
11. What is the elevation of point A? \_\_\_\_\_
12. What is the elevation of point B? \_\_\_\_\_
13. If you walked along the creek from point A to point B, what would be the total change in elevation? \_\_\_\_\_ In what direction would you be walking? \_\_\_\_\_
14. What is the elevation of point C? \_\_\_\_\_
15. What is the elevation of point D? \_\_\_\_\_
16. What is the elevation of point E? \_\_\_\_\_
17. What is the elevation of point F? \_\_\_\_\_

18. What is the elevation of point G? \_\_\_\_\_
19. What is the elevation of point H? \_\_\_\_\_
20. What is the elevation of point J? \_\_\_\_\_
21. If you walked along the creek from point H to point J, what would be the total change in elevation? \_\_\_\_\_ In what direction would you be walking? \_\_\_\_\_
22. What is the lowest labeled point on the map? \_\_\_\_\_
23. What is the highest labeled point on the map? \_\_\_\_\_
24. In what direction is the river at the center of the map flowing? \_\_\_\_\_
25. Put a small star on the map where the slope is the steepest.
26. Put a small triangle on the map where the slope is the flattest.
27. Is point K in a valley or a ridge? \_\_\_\_\_
28. Is point L in a valley or a ridge? \_\_\_\_\_
29. What is the distance from point A to point F, to the nearest tenth of a kilometer?  
\_\_\_\_\_
30. What is the distance from point H to point D, to the nearest tenth of a kilometer? \_\_\_\_\_
31. What is the distance from point B to point E, to the nearest tenth of a kilometer? \_\_\_\_\_
32. What is the distance from Goodnight Peak to point L, to the nearest tenth of a kilometer? \_\_\_\_\_
33. If you could travel in time and visit the park shown on the map 100,000 years in the future, what changes do you think will have taken place to the elevations of Goodnight Peak and Brushy Butte? Explain your answer. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_