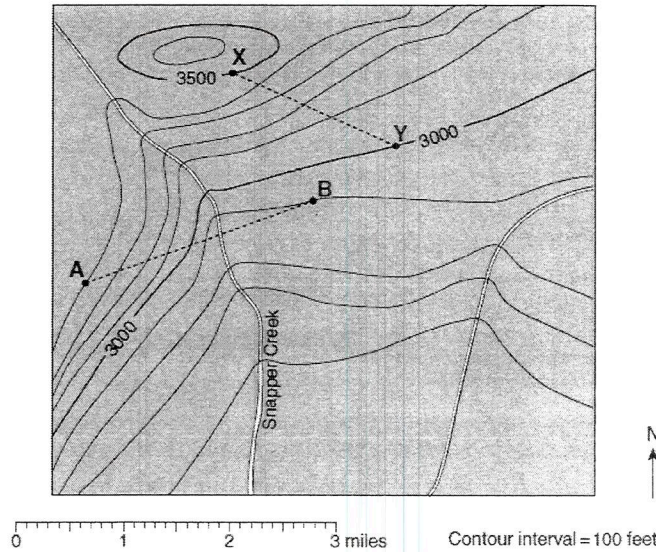


Name _____ Period _____ Date _____

Topographic Map Reading Worksheet

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

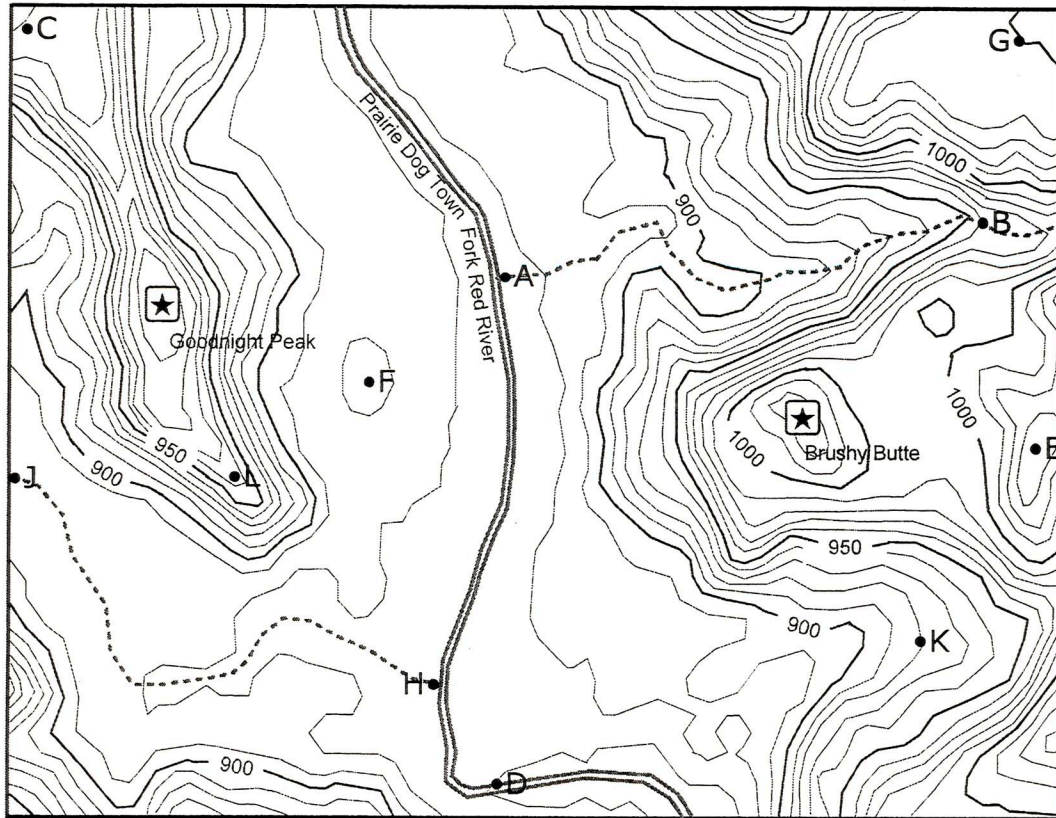


1. What is the elevation at point A? _____
2. What is the elevation at point B? _____
3. What is the elevation at the point on line A-B where it crosses Snapper Creek?

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



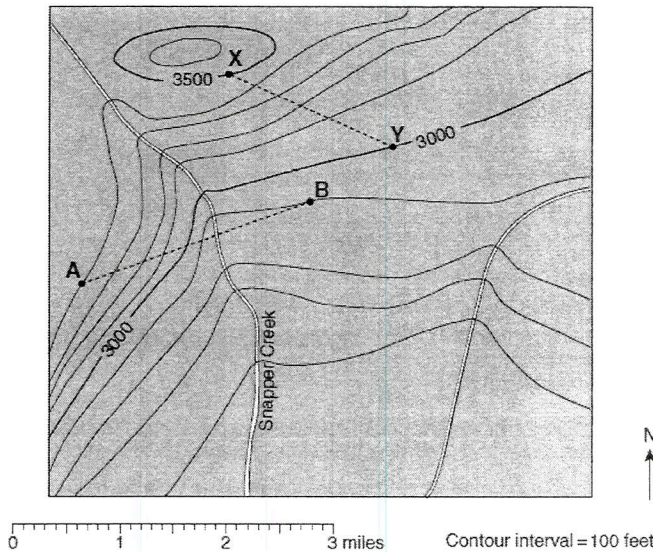
9. What is the elevation of Goodnight Peak? _____
10. What is the elevation of Brushy Butte? _____
11. What is the elevation of point A? _____
12. What is the elevation of point B? _____
13. If you walked along the creek from point A to point B, what would be the total change in elevation? _____ In what 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. _____

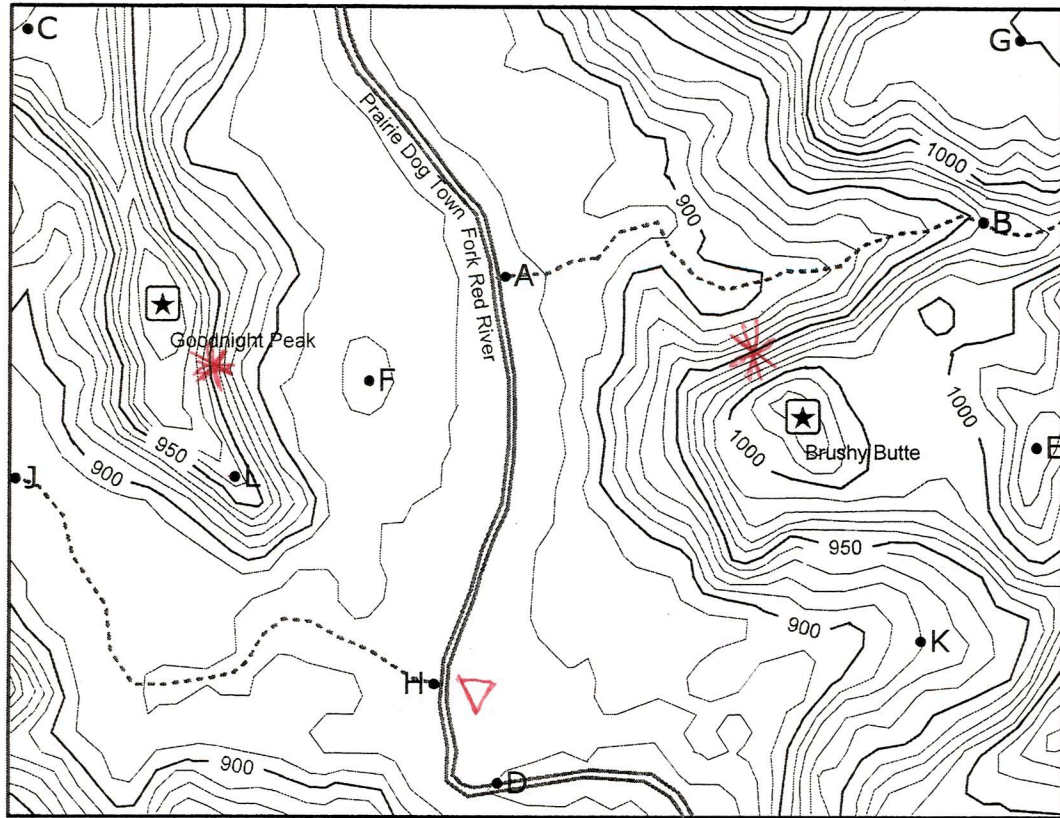
Topographic Map Reading Worksheet

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



1. What is the elevation at point A? 3400 FT
2. What is the elevation at point B? 2900 FT
3. What is the elevation at the point on line A-B where it crosses Snapper Creek?
2801 - 2899 FT
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.
(NE) I would be walking downhill from point A until Snapper Creek & then uphill to point B
5. What is the elevation of the highest point shown on the map? 3601 - 3699
6. What is the elevation at point X? 3500 FT
7. What is the elevation at point Y? 3000 FT
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. (SE) Downhill from point X (3500 FT) to point Y (3000 FT)

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? 991-999 m
10. What is the elevation of Brushy Butte? 1021-1029 m
11. What is the elevation of point A? 871-879 m
12. What is the elevation of point B? 960 m
13. If you walked along the creek from point A to point B, what would be the total change in elevation? 81-89 m In what direction would you be walking? East
14. What is the elevation of point C? 991-999 m
15. What is the elevation of point D? 870 m
16. What is the elevation of point E? 1031-1039 m
17. What is the elevation of point F? 881-889 m

18. What is the elevation of point G? 1050 m
19. What is the elevation of point H? 871-879 m
20. What is the elevation of point J? 881-889 m
21. If you walked along the creek from point H to point J, what would be the total change in elevation? 2-18 m In what direction would you be walking? NW
22. What is the lowest labeled point on the map? A or H
23. What is the highest labeled point on the map? G
24. In what direction is the river at the center of the map flowing? South
25. Put a small star on the map where the slope is the steepest. - can be a few areas
26. Put a small triangle on the map where the slope is the flattest.
27. Is point K in a valley or a ridge? Valley - going up the side (NOT imp't)
28. Is point L in a valley or a ridge? Ridge (NOT imp't)
29. What is the distance from point A to point F, to the nearest tenth of a kilometer?
0.4 km
30. What is the distance from point H to point D, to the nearest tenth of a kilometer?
0.3 km
31. What is the distance from point B to point E, to the nearest tenth of a kilometer?
0.5 km
32. What is the distance from Goodnight Peak to point L, to the nearest tenth of a kilometer?
0.4 km
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. Probably weathered down to a lower elevation
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