

MIDTERM REVIEW

MAKE SURE YOU ANSWER ALL 28 QUESTIONS BEFORE YOU TAKE THE MIDTERM!

1. What term is used to describe a body of air with similar properties?
2. Which two properties are used to characterize bodies of air with similar properties?
3. Where do maritime air masses form?
4. Where do continental air masses form?
5. What are the 2 main properties of an mT air mass?
6. What are the 2 main properties of a cP air mass?
7. What term is used to describe a boundary that separates different air masses?
8. Draw a picture of cold front symbol
9. Draw a picture of a warm front symbol
10. Do warm air masses rise or sink?
11. What scale is used to classify a hurricane?
12. What temperature would you expect to measure in the eye of a hurricane?
13. Based on what you already know about climate change, do you think Earth's average surface temperature has increased or decreased?
14. How is air pressure distributed?
15. Which way do winds blow around a low pressure center in the Northern Hemisphere?
16. Using time and direction, describe how and when seabreezes move
17. Using time and direction, describe how and when land breezes move
18. What is the greenhouse effect?
19. How does the greenhouse effect work?
20. How are winds named?
21. What is the relationship between Volcanic eruptions and Earth's atmospheric temperature?
22. What is El Nino?
23. What impact will El Nino have on the United States?
24. How do scientists measure volume?
25. What term is used to describe the total amount of matter an object contains? How do scientists calculate the total amount of matter?
26. What is the difference between mass and weight?
27. How do scientists measure length?
28. If an object's density is greater than water, will it sink or float?