

- _____ 10. Land and sea breezes occur because
- land cools off and heats up faster than water.
 - land cools off more slowly than water.
 - land heats up more slowly than water.
 - water heats up more quickly than land.
11. High pressure systems are usually associated with _ (pick all that apply)
- bad weather
 - fair weather
 - turning clockwise
 - turning counter clockwise
12. When solar energy comes through the Earth's atmosphere is (pick all that apply)
- absorbed
 - reflected
 - transmitted
 - destroyed
13. The solar energy that comes to the Earth is absorbed by _ (pick all that apply)
- gases in the atmosphere
 - clouds
 - the land
 - the moon
- _____ 14. Solar energy that strikes the surface of the Earth heats the _____ more quickly than the _____
- land, water
 - water, land
 - land, atmosphere
 - water, atmosphere
15. Low pressure systems are usually associated with (pick all that apply)
- bad weather
 - fair weather
 - turning clockwise
 - turning counter clockwise
16. The Jet Stream (pick all that apply)
- Fast moving
 - Slow moving
 - Ribbon of air
 - Blows straight from west to east
 - Dips and bends
 - Made of warm tropic air
 - Made of cold polar air
 - Wide band of air
17. The three climate zones are name them in order from the equator to the poles.
- _____
 - _____
 - _____

Matching

- _____ 18. are caused by warm air rising and more dense cool air sinking
- _____ 19. begin at the equator and extend about 30 degree north
- _____ 20. starts at about 30 degrees north to about 60 degrees north
- _____ 21. starts at about 60 degrees north and goes to about 90 degrees north
- _____ 22. move in the direction of hurricanes
- _____ 23. enter a westerly wind belt and often turn in the direction of a prevailing system.

Match each word or phrase with the correct term.

- trade winds
- hurricanes
- tropical region
- polar region
- temperate region
- convection currents