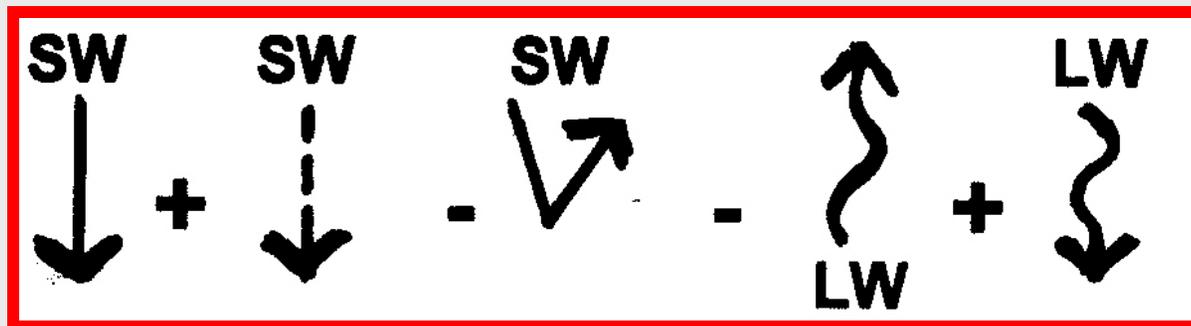


# G-3 ASSIGNMENT

## Applying the Energy Balance Terms

Your task is to decide which **component** or **components working together** are most directly related to or responsible for the observed phenomenon.

**# 1 – #12** : Left side of equation



**# 13 - #15**: Right side of equation

**H + LE + G**

Your task is to decide which **component** or **components working together** are most directly related to or responsible for the observed phenomenon.

While you should work in pairs and discuss with each other, **each member of the group must take the lead in answering at least TWO of the items below in his or her own handwriting.** Members present should sign below and indicate which 2 or 3 items they filled in as in the example:

Stella Student (#2, #10, & #12) \_\_\_\_\_

**Don't forget to SIGN IN  
with the #'s you wrote up!**

**1. blue skies**



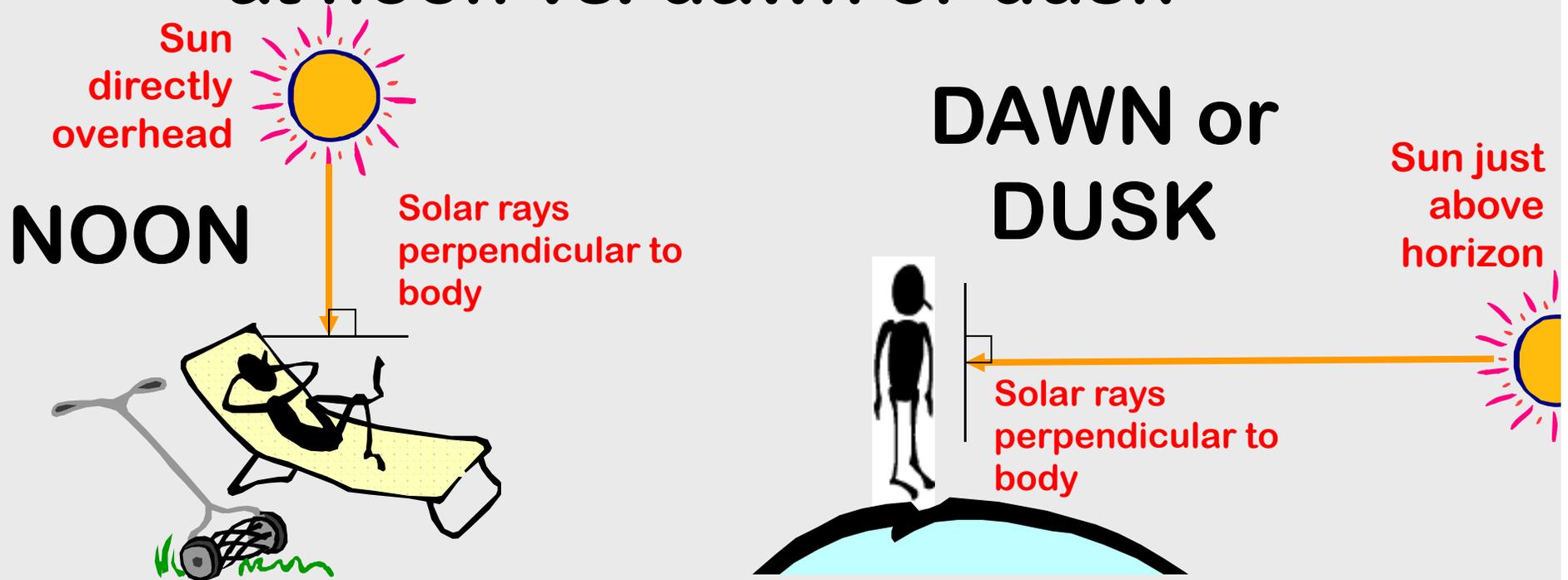
**2. Sunglasses while skiing**



**3. Bright even though cloudy**



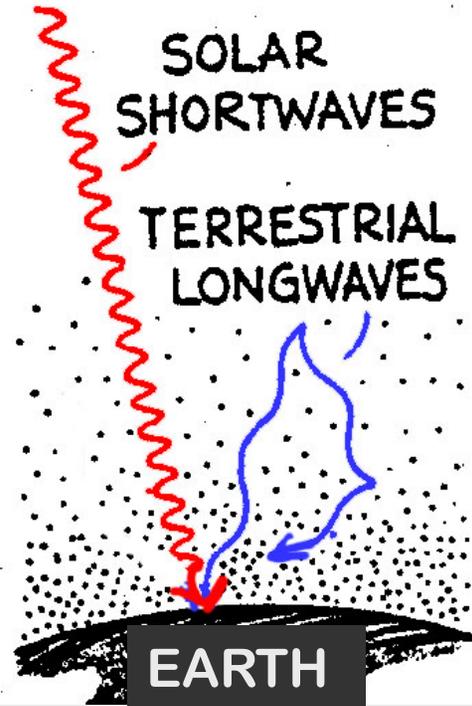
# 4. More intense solar radiation (tan /skin damage, etc.) at noon vs. dawn or dusk



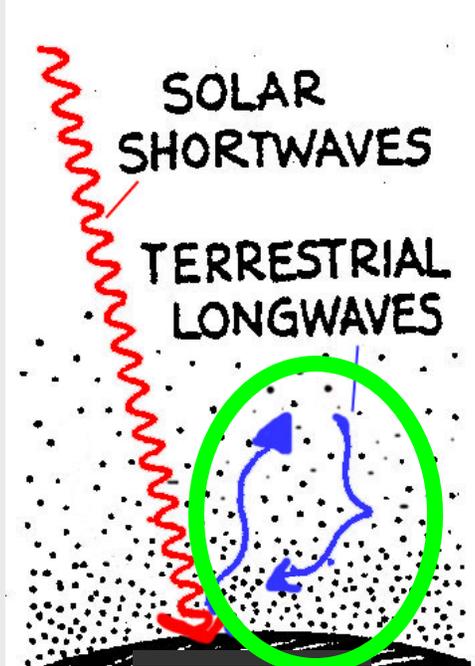
# 5. The Greenhouse Effect →

# To illustrate the GREENHOUSE EFFECT:

SUN

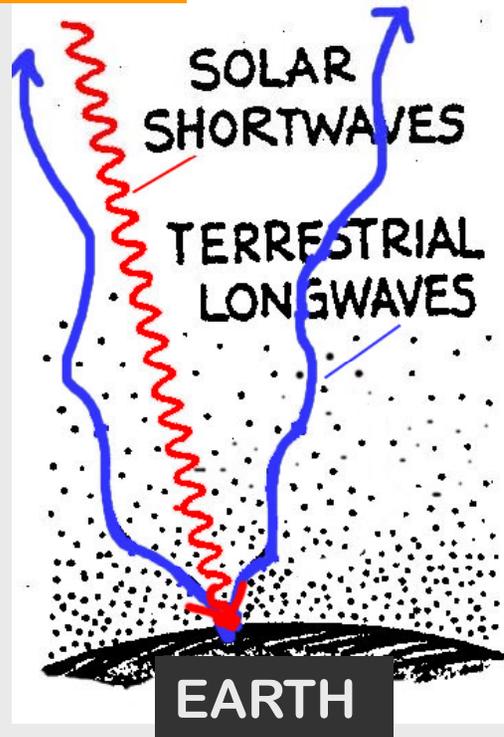


SUN



Greenhouse effect

SUN



B is better than the others . . . But only the circled part represents the GH Effect!! . . .

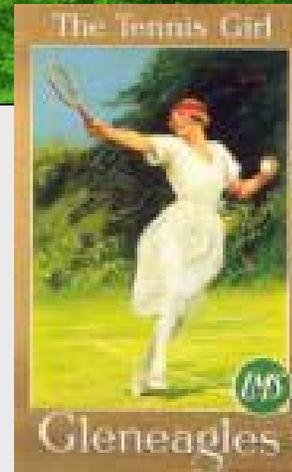
## 6. Red sunsets



## 7. Infrared cameras / “night vision”



## 8. “Tennis whites” tradition



**9. Shadow on sunny day**



**10. Rainbow**



**11. Black streaks**



**12. Parking on blacktop**



# 13. Hot air balloon



# 14. Pigs cooling off in the mud



# 15. Evaporative coolers work best in the desert

