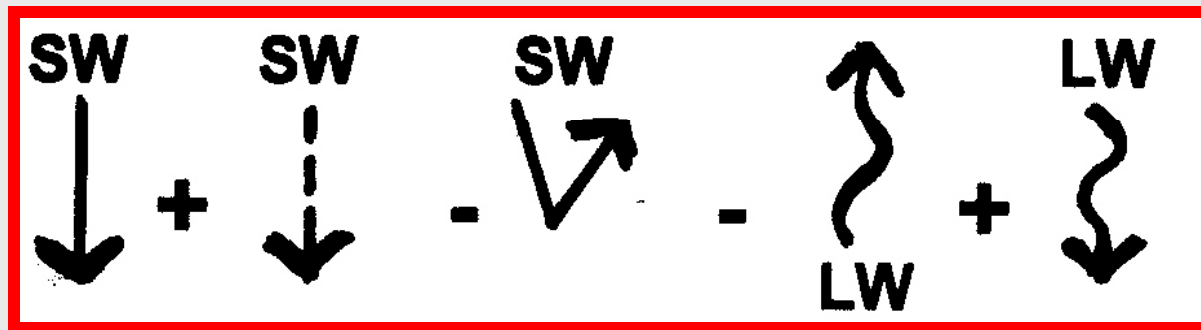


## G-3 ASSIGNMENT

### 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**



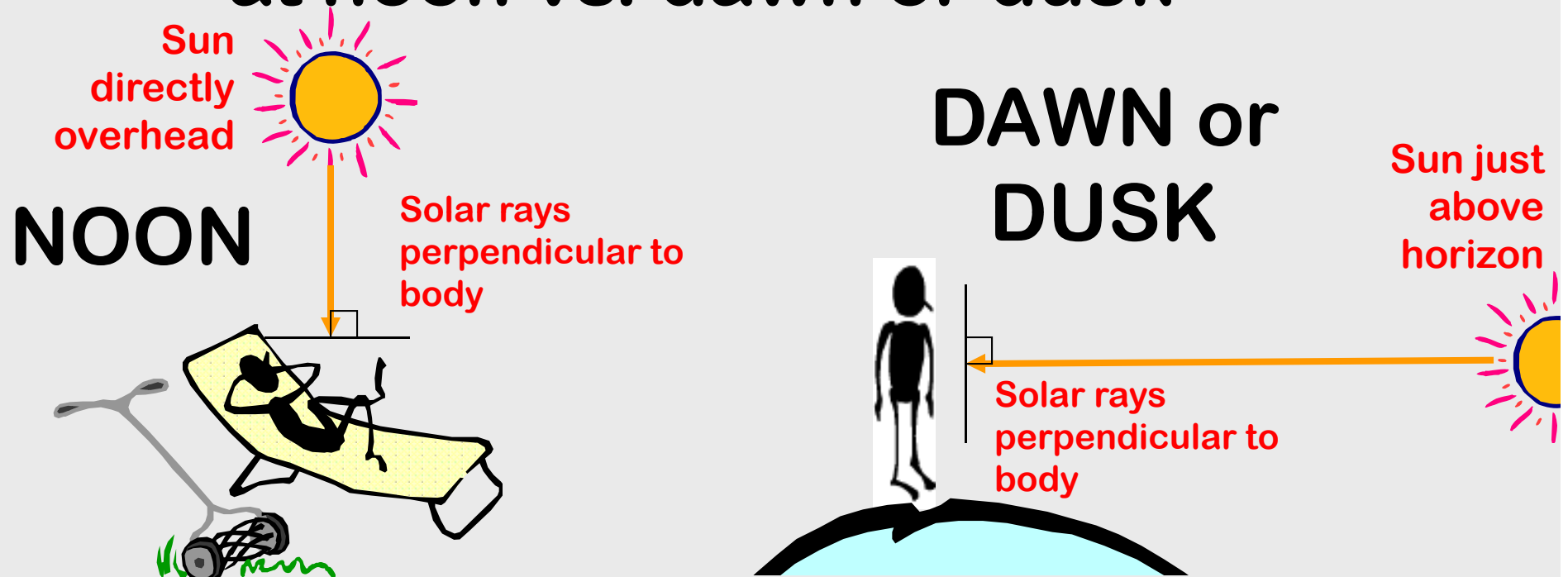
**2. Sunglasses while skiing**



**3. Bright even though cloudy**

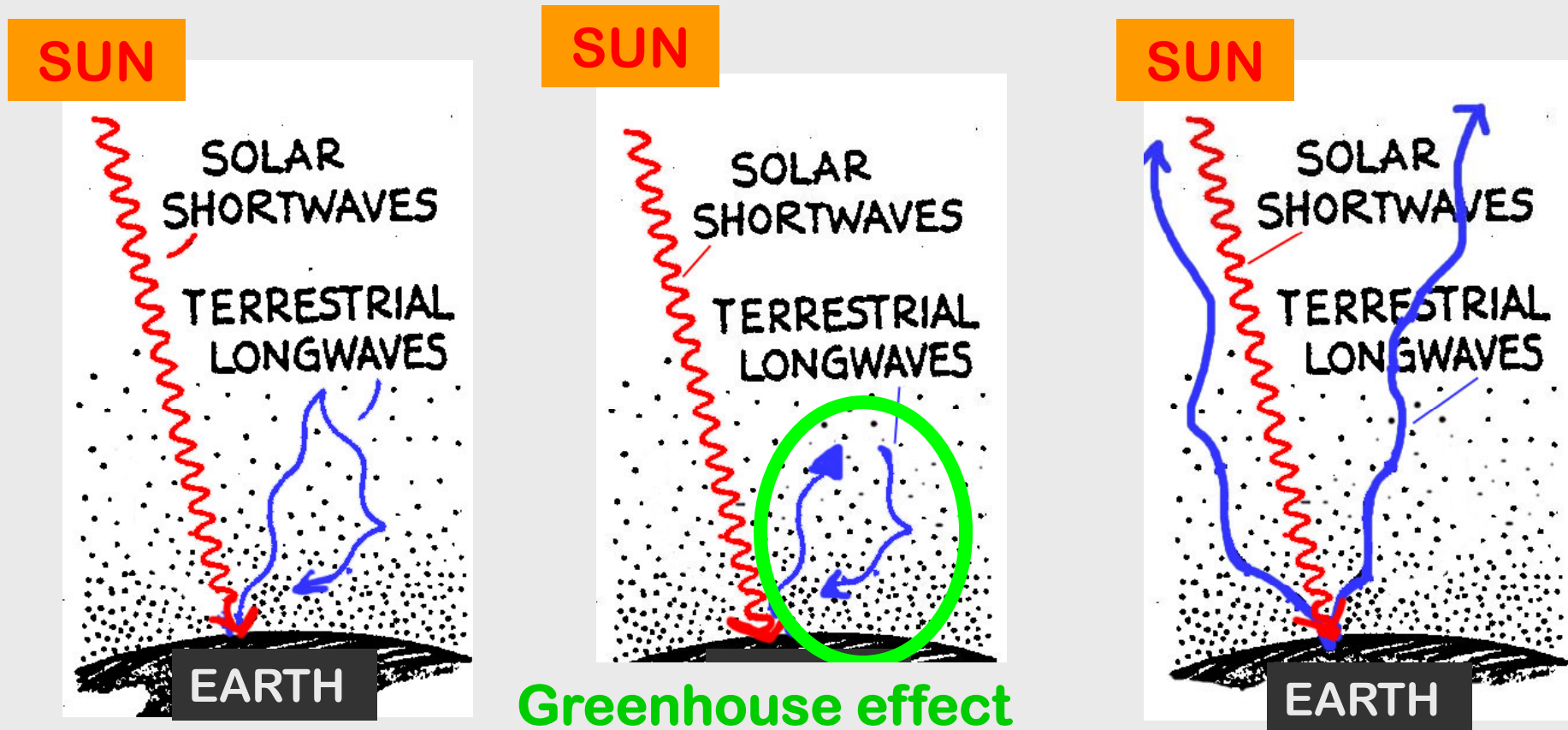


#### 4. More intense solar radiation (tan /skin damage, etc.) at noon vs. dawn or dusk



#### 5. The Greenhouse Effect →

# To illustrate the GREENHOUSE EFFECT:



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

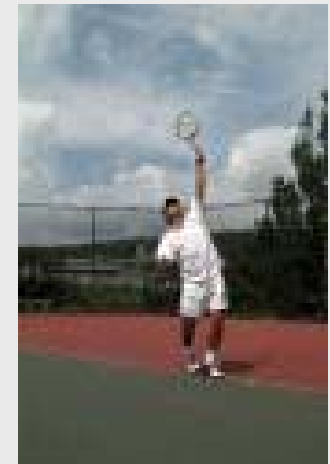
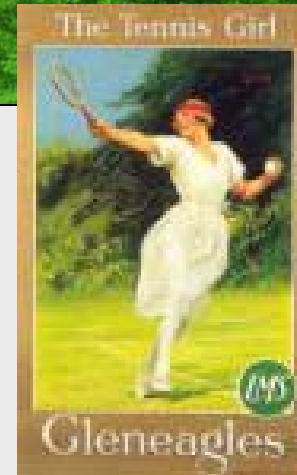
## 6. Red sunsets



## 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

