

Answer Key
[New Exam]

Page

1. 2

2. 1

3. 2

①

4. 3

5. 1

6. 3

7. 3

②

8. 2

9. 2

10. 2

③

11. 4

12. 4

13. 2

14. 3

15. 4

16. 1

④

17. 1

18. 3

19. 3

20. 3

21. 2

⑤

22. 4

23. 3

24. 4

25. 2

26. 1

⑥

27. 1

28. 4

⑦

Less energy is absorbed by the white surface. — Black absorbs energy better.

30. — The 90°- angle plate received more intense radiation. — It received the most concentrated/more direct rays. — It absorbed the most light. — It reflected the least amount of light.

31. 0° latitude *or* the equator.

32. — allows most solar radiation to pass through — prevents some terrestrial radiation from escaping — traps heat

33. — infrared — microwaves — radio waves

29. Final temperatures: — lower — cooler

Explanation: — More light is reflected off the white surface. —