

The Solar System

2001 Science Olympiad Colorado Regional Competition

Star Fleet Academy I

Answer Key

Note: Assigned values precede the answers. Tie-Breaker is total of all 3 point questions.

1 2 d

2 1 above Earth's atmosphere

3 1 b

4 1 b

5 1 quarter

6 1 b

7 1 b

8 1 rays

9 2 a

10 2 c

11 3 1236 km [rounded off]

12 1 100 cm

13 1 20 cm

14 2 25 cm

15 2 50 cm

16 1 a

17 2 That portion of the Moon receives only slanted rays of sunshine [or similar]

18 2 terminator

19 1 gravity

20 2 a

21 2 b

22 1 sunspots

23 1 a

24 1 a

25 1 b

26 2 solar eclipse [1 pt. if only "eclipse" is written]

27 1 corona

28 1 solar wind

- 29 1 aurorae [accept singular or plural form]
- 30 2 b
- 31 1 c
- 32 1 b
- 33 2 a
- 34 2 b
- 35 2 c
- 36 2 b
- 37 1 a
- 38 3 c
- 39 1 a
- 40 1 c
- 41 1 a
- 42 2 c
- 43 2 a
- 44 1 a
- 45 1 a
- 46 1 water
- 47 2 West
- 48 2 East
- 49 2 East
- 50 2 west
- 51 1 asteroids
- 52 2 water
- 53 2 carbon dioxide
- 54 2 southern
- 55 2 spring/fall [both must be mentioned and correct]
- 56 3 Atmospheric gases are frozen into one of the two poles at other times.
- 57 1 water
- 58 3 4263 [rounded off]