

**Answers for test 1 from 2005**

- 1 B
- 2 B
- 3 B
- 4 A
- 5 need to see the light to do this.
- 6 A
- 7 A
- 8 A
- 9 A
- 10 A
- 11 A
- 12 A
- 13 A
- 14 A
- 15 B
- 16 D
- 17 D
- 18 D
- 19 A
- 20 A
- 21 A
- 22 A
- 23 A
- 24 D
- 25 D
- 26 D
- 27 D
- 28 D
- 29 D
- 30 D
- 31 Sun & Mars turn 120 degrees counterclockwise, as viewed from above the north pole.
- 32 The amount of thermal radiation depends on the area of the surface of the object. A very small hot star emits less thermal radiation than a large, cooler star.