

- 1. Image 4
- 2. Apparent superluminal motion
- 3. GRANAT source
- 4. Right Ascension and Declination
- 5. Image 24
- 6. Vela SNR
- 7. 263.9 -3.3
- 8. PWN, pulsar wind nebula
- 9. Images 14 and 16
- T7 10. 284419
- 11. Image 22
- 12. McNeil's Nebula
- 13. FU Orionis or FUors
- 14. Image 9
- 15. LMC Large Magellanic Cloud
- 16. Image 19
- 17. Image 15, image 20
- T6 18. LBV or S Doradus
- 19. Hubble-Sandage variable
- 20. Gamma ray bursts
- T8 21. Image 8
- 22. 208+33.1
- 23. Radio
- 24. Synchrotron radiation
- 25. 3C 10

- 26. Image 7
- T12 27. Iron (pink) Silicon (blue)
- 28. Strong stellar wind along rotation axis
- 29. Image 21
- 30. Image 3
- 31. AGB Asymptotic Giant Branch
- 32. Bow shock, trail of envelope material
- 33. Image 12
- 34. Gravitational waves
- T1 35. Image 2
- 36. Image 23
- 37. Heber Curtis, Harlow Shapley - Curtis won
- 38. Image 6
- T13 39. April 2011
- 40. Type Ia supernova
- 41. Image 5
- 42. Theta Orionis C
- 43. Image 1
- 44. UG or UGSS
- 45. Youngest known SNR in the Milky Way
- 46. 21.1 cm
- 47. 1420 MHz
- T9 48. Neutral hydrogen
- T10 49. He core flash
- 50. SGB sub-giant branch

School #
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School Name
Participants

SCORE
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- 51. AGB asymptotic giant branch
- 52. K
- 53. planetary nebula forms
- 54. white dwarf stage
- 55. dredge up
- 56. thermal pulses or helium shell flashes
- T5 57. 26.7 parsecs
- 58. 6980 K
- 59. 33.6km/s
- 60. 21.9 km/s
- 61. 3.46
- 62. 3.52
- 63. 1.43
- 64. 1.29
- T14 65. F
- 66. Herbig-Haro object
- 67. T
- 68. P Cygni profile
- 69. eq
- 70. H II regions
- T2 71. RR Lyrae
- 72. RRAB
- 73. 3.55 Mpc
- 74. G
- 75. Pulsating variables

- 76. Mira variables
- T15 77. TiO titanium (II) oxide
- 78. 1.4 - 1.5
- 79. 25000 - 30000 K
- 80. 225 km/s
- 81. 3.25 days
- T3 82. 14.36 solar masses
- 83. 100 km/s
- 84. 4.47E9 m
- 85. 10.26 solar masses
- 86. it is increasing
- 87. observed - calculated
- 88. one star overflowed Roche lobe, mass transfer
- 89. spectroscopic binary
- 90. Flamsteed designation
- 91. homologous collapse
- T4 92. dredge up
- 93. XNG or XND
- 94. Oosterhoff groups
- 95. Delta Scuti
- 96. Petersen diagrams
- 97. SU Ursae Majoris UGSU
- 98. Roche lobes
- 99. Polars or AM Herculis stars
- T11 100. Kelvin Helmholtz timescale

School #

Bonus 1 Fritz Zwicky

Bonus 2 Twinkle Twinkle Little Star