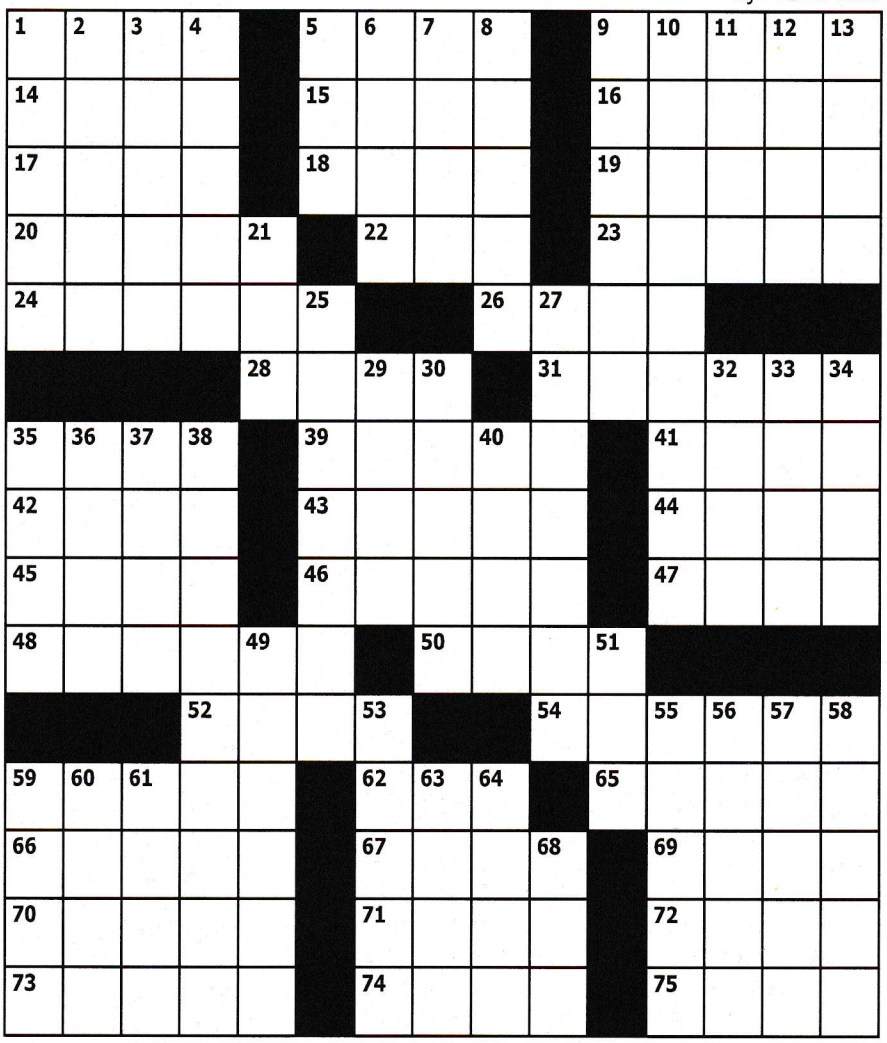
Name:_____

Phone or email:_____

ASTRONOMY

# THINGS ARE LOOKING UP!

by Frank Virzi



**ACROSS**

1. Immeasurably long time
5. Disney World transport
9. Board with instruments
14. Hubble Telescope builder
15. Jupiter's is surrounded by a shell of metallic hydrogen about 25,000 miles thick
16. Téa of "Deep Impact"
17. Golf course pitfall
18. Deimos or Phobos
19. Heavenly horn-bearer
20. "To whom ___ concern"
22. South-of-the-border sun
23. Language from which "sky" and "egg" are derived
24. Went after
26. Unlocks, poetically
28. Former tadpole
31. Making merry
35. Jessica of "Dark Angel"
39. Space traveler of 1962 and 1998
41. Orbit segments
42. Moonwalker Armstrong
43. Like good pianos and engines
44. "If you build it, they will ____"
45. Kind of plan offered by Jenny Craig
46. Kind of protein-building acid
47. Cabinet dept. with a lightning bolt on its seal
48. Showing less illuminated area from full moon to new moon
50. Milky Way's creator
52. "You've Made ____ Very Happy"
54. Display in the night sky
59. With Altair and Vega, it forms the Summer Triangle
62. "I've got a mule, her name is ____, 15 miles on the Erie Canal"
65. "WarGames" org. located in Cheyenne Mountain's Crystal Palace
66. Verdi aria that translates to "It was you"
67. Wagon pullers on Nebraska's state quarter
69. 2009 award for Stephen Sondheim, for "Road Show"
70. Nut chewed to increase saliva
71. Y-axis, for one
72. "__ en scene" (stage setting)
73. Beauty queen's headgear
74. Those caballeros
75. One of seven in the Big Dipper

**DOWN**

1. Shenanigan
2. You are here
3. Saudi terrorist ____ bin Laden
4. Many California wines
5. Cable sta. where you might see the 1919 silent film "The First Men on the Moon"
6. Aussie jumpers, briefly
7. Ending with buck
8. ___ Park (lab site where Edison used a Sprengel vacuum pump to create the first incandescent light bulb)
9. Space revolver
10. Highflying industry that includes Boeing, Aerojet, Lockheed Martin, and McDonnell Douglas
11. "...but one man is still trying to find the answers to life's persistent questions: Guy ____, Private Eye"
12. Hydrocarbon suffixes
13. Nuclear fission codiscoverer whose headstone reads "____ Meitner: a physicist who never lost her humanity"
21. "Solitude is impractical and ____ society is fatal": Emerson
25. Canine collar attachments
27. Lush, fictional Earth-like moon that is the setting for "Avatar"
29. Dubya, to Yale
30. Stonewashed stuff
32. Scientologist Hubbard
33. Highest point
34. Strategic Belgian river of WWI
35. B ___ (not color, as a film)
36. Princess from a galaxy far, far away
37. "Très ____"
38. Cockpit gauge
40. "99 Luftballons" pop group
49. Cloud of interstellar dust
51. Word before deck or dial
53. "___ Mio"
55. Hotel or hospital statistic
56. Asteroid's path
57. Mrs. Gorbachev
58. "Doe, ____ ..." ("The Sound of Music" lyric)
59. You may get into it while shopping
60. "Able was I ____ saw Elba"
61. Old-time actress Talbot or Naldi
63. Imaginary line through Venus
64. TV host known for his mandibular prognathism
68. Super Mario Bros. player