

ACROSS

1. How to measure heat transfer (with 23 across)
7. How to measure concentration pressure (with 23 across)
11. Organic-rich soil
15. Old building toppers
16. Blackened residue
17. It takes two to _____
18. Stop
19. Singer Braxton
20. Not equatorial
21. Angioplasty appliance
22. Starbucks offering
23. It's how you measure it!
24. With 65 down, bay area city & county name
25. Colorful silica gem
27. _____ at your own risk
29. Clear out completely
30. Get enough of
31. M.S. students in the undergrad lab
34. Wild cat
37. Computer brain
38. French recipe
41. Points of concern
42. Zero a balance
44. Trihydrogen mononitride
45. At _____ for words
47. How to measure solution density (with 23 across)
49. Sets to explode
50. To the point
52. Story
54. Lomond or Ness
55. Three-carbon sugar
56. Attempt
57. Twenty in the Gettysburg Address
59. Cancelled big-budget U.S. accelerator proj.
60. Sound that comes back around
62. Community-school grp.
63. Religious group under vows
65. Daily self-maintenance routine
66. CO2 _____ and trade
69. How to measure weight change (with 23 across)

1	C	A	L	O	R	I			7	O	S	M	O			11	L	O	A	M			
15	R	O	O	V	E	S			16	C	H	A	R			17	T	A	N	G	O		
18	A	R	R	E	S	T			19	T	O	N	I			20	A	X	I	A	L		
21	S	T	E	N	T			22	L	A	T	T	E			23	M	E	T	R	Y		
24	S	A	N			25	O	P	A	L		27	E	N	T	E	R						
					29	R	I	D			30	S	A	T	E				31	T	A	S	
		34	C	I	V	E	T			37	C	P	U			38	R	E	C	E	P	T	
41	F	O	C	I			42	T	A	R	E			44	A	M	M	O	N	I	A		
45	A	L	O	S	S		46		47	P	Y	C	N	O		49	F	U	S	E	S		
50	C	O	N	C	I	S	E			52	T	A	L	E		53		54	L	O	C	H	
55	T	R	I	O	S	E			56	T	R	Y			57	S	C	O	R	E			
59	S	S	C				60	E	C	H	O			62	P	T	A						
					63	O	R	D	E	R			65	M	E	A	L			66	C	A	P
69	G	R	A	V	I				72	N	O	M	A	D		74	C	L	O	S	E		
76	I	O	T	A	S				77	S	U	I	T			78	G	I	A	N	T	S	
79	S	M	O	T	E				80	O	G	L	E			81	S	U	M	M	I	T	
82	H	E	M	E					83	R	H	E	O			84	A	M	P	E	R	O	

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| 72. Wanderer | 8. It's worth a _____ | 41. Bases for conclusions |
| 74. Finalize a deal | 9. French for coat | 43. Hominid |
| 76. Smallest degrees of concern | 10. Align | 44. Online service provider now merged with Time Warner |
| 77. Spades, e.g. | 11. Less rigid | 46. A sib |
| 78. N.Y. or S.F. team | 12. I'll get right _____ | 48. Vote of disfavor |
| 79. What Samson did to the Philistines | 13. Culture medium | 51. Initiate crystallization |
| 80. Leer at | 14. Nickname for element 42 | 53. Hoy _____ soleado |
| 81. Heads of state meeting | 17. Domesticated | 56. "_____ the Looking Glass" |
| 82. Iron porphyrin group | 22. Boy | 58. Alkaline earth metal critical for good health |
| 83. How to measure stress/strain relationship (with 23 across) | 26. 18th century British statesman, namesake of PA's second city | 61. Redact |
| 84. How to measure electrical current (with 23 across) | 28. Timeframe of service | 62. Walker, abbrev. |
| | 30. How to measure light wavelength (with 23 across) | 63. Egg-shaped |
| | 31. Multidimensional equivalent to a vector | 64. Get up in the morning |
| | 32. Per item | 65. See 24 across |
| | 33. Squirrel away | 66. Don't try to _____ |
| | 34. Chartreuse, cerulean, and cream, e.g. | 67. Showing activity |
| | 35. Classic and symbolic | 68. Basil and olive oil sauce |
| | 36. How to measure liquid flow (with 23 across) | 69. Silent film era megastar Lillian |
| | 37. _____ me a river | 70. Seat of the caesars |
| | 39. Voltage, abbrev. | 71. Smallest amount of an element |
| | 40. How to measure electrical charge (with 23 across) | 73. 1760 yards |
| | | 75. Bulb used in 30 down |
| | | 78. Federal procurement agency, abbrev. |

DOWN

1. Uncouth
2. Largest diameter artery
3. 1950s-1960s actress Sophia
4. Hansel and Gretel were headed for this
5. Recondition
6. Suffix with sex or capital
7. Base-eight