

Grand Prize
A turquoise and silver
pendant
5 Runner-Up Prizes
A GAMES T-shirt

How Much Is Albuquerque?

AN ALL-AMERICAN CIPHER

We've given each letter of the alphabet a secret value from 1 to 26. Each value is a whole number, and no two letters have been given the same value.

We've also made up a list of 44 American states and cities, and added up the values of all the letters in each name. For example, if the letter O equaled 11, H equaled 23, and I equaled 2, OHIO would equal $11 + 23 + 2 + 11 = 47$. (As it happens, OHIO really does equal 47, though O, H, and I do not necessarily have those values.)

Your task is to figure out the value of ALBUQUERQUE. To find this value, you'll need to discover the value of each of the letters in its name. However, there is no Q in any of the names below, so the only way to discover the value of Q is to figure out what all the other letters of the alphabet are worth. Whichever value from 1 to 26 is left over when all the other letters have been valued must be the value of Q.

Solving Although you might solve this by trial and error, a more methodical approach based on adding and subtracting names will also work. For example, OREGON = 61 and RENO = 33. Subtracting the letters in RENO from the letters in OREGON shows that GO = 28. Continue in this manner, finding the values of different combinations of letters, until you have learned what the individual letters are worth.

Entering Write the number value of ALBUQUERQUE on a postcard or sheet of paper, and include your name and address. If you send your entry in an envelope, write the value on the back of the envelope and circle it. You may send as many entries as you like, but each entry must be mailed separately.

Winning The winners will be chosen at random from among the entries with the correct value for ALBUQUERQUE.

—David Pritchard

Mail your entries to: Albuquerque, GAMES Magazine, 515 Madison Ave., New York, NY 10022. Entries must be received by June 2, 1986.



ALASKA.....	73	MONTGOMERY.....	134
ARIZONA.....	73	NANTUCKET.....	78
ATLANTA.....	81	NASHVILLE.....	129
BOSTON.....	56	NEVADA.....	68
BUFFALO.....	91	NEW ORLEANS.....	105
CHICAGO.....	81	NEW YORK.....	91
COLUMBIA.....	109	NOME.....	36
DENVER.....	72	OHIO.....	47
DETROIT.....	93	OREGON.....	61
EL PASO.....	70	RENO.....	33
HAWAII.....	106	SACRAMENTO.....	99
HOUSTON.....	56	SALEM.....	64
IDAHO.....	64	SAN ANTONIO.....	88
IOWA.....	64	SAVANNAH.....	85
JAMESTOWN.....	102	SEATTLE.....	77
KANSAS.....	56	TAMPA.....	77
KENTUCKY.....	83	TEXAS.....	49
LOUISIANA.....	111	TOLEDO.....	61
LOUISVILLE.....	157	TULSA.....	58
MAINE.....	65	UTAH.....	44
MICHIGAN.....	122	VENICE.....	69
MONTEREY.....	91	WICHITA.....	113

The grid below is provided as a convenient work area. Letter values may be filled in under each letter, and the numbers below the grid crossed off as they are used. Each number is used exactly once.

A	B	C	D	E	F	G	H	I	J	K	L	M
N	O	P	Q	R	S	T	U	V	W	X	Y	Z

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
		21	22	23	24	25	26		



JOEL SCOTT