

## Mathletes Problem of the Week #9

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### Pay My Name

AIDEN – 386	ARI – 209	ARIEL – 376	BLAIRE – 390	CHARLES – 457
CLARE – 334	DEAN – 317	EARL – 307	FRIDA – 273	GABRIEL – 410
IVY – 97	KOLE – 249	LEIA – 317	LEO – 242	MAVIS – 246
NADINE – 453	NED – 236	PAUL – 167	QASIM – 238	RACHEL – 394
RAFI – 231	SAM – 168	TIRA – 299	ULA – 148	VERA – 276
VIJAY – 179	WOLKE – 272	XAVIER – 346	ZERACH – 355	

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There are 29 students in the Mathletes club. As a special holiday gift, the coach bought each of them chocolate letters with which they can spell their names. Some letters cost more than others — for instance, the letter A, which is in high demand, is rather pricey; whereas the letter Q, which almost no one wants, is relatively inexpensive. The price of the chocolate letters for each student in the club is shown in the table above.

- What is the cost of each individual letter in the alphabet? (If you can't find them all, which ones can you find?)
- How much would it cost to buy the letters in your name?

**Solutions & Explanations:** (Try one or try them all! Record your solutions and explanations above and on the back.)

Name \_\_\_\_\_

Class \_\_\_\_\_

**(First and last name, please!)**

**Solutions due: January 23<sup>th</sup>**