

Luis Estrada is a third generation firefighter. He's spent his whole life living in the same town as his father and grandfather and has decided to relocate. Listed below are eight cities which have offered him a job.



1. Compute the annual wage by multiplying the hourly wage by **2080** (40 hrs. x 52 weeks). Round your answers to the nearest dollar.
2. Compute the real wage by dividing the annual wage by the cost of living index (U.S. average = 100). Round your answers to the nearest dollar.

$123.7/100=1.237$

Match the color coded data

City	Hourly Wage	Annual Wage	Cost of Living	Real Wage	Sales Tax/Income Tax Rate
A. Anchorage, AK	13.54	\$28,163 (\$13.54 x 2080)	123.7	\$22,767 (AW / 1.237)	0.00% / 0.00%
B. Barnstable, MA	22.12		135.6		5.00% / 5.95%
C. Fayetteville,, NC	11.46		104.9		6.15% / 7.00%
D. Gary, IN	16.70		84.2		5.00% / 3.40%
E. Los Angeles, CA	27.79		140.0		8.10% / 6.00%
F. Newark, NJ	29.21		96.9		6.00% / 2.45%
G. Redding, CA	13.55		107.4		8.10% / 6.00%
H. San Jose, CA	32.37		211.3		8.10% / 6.00%

3. If you were in Luis, which of these eight cities would you choose? Why?




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