

Question:

Eliza's rate per hour for the first 40 hours she works each week is \$10. She also receives an overtime pay of 1.2 times her regular hourly rate. If Eliza worked for 45 hours this week, how much are her earnings for this week?

Reasoning + Answer:

<think> Eliza's regular rate per hour is \$10. So her overtime rate per hour is $\$10 * 1.2 = \12 . For 45 hours, she worked 5 hours of overtime. So her overtime earnings are $5 * \$12 = \60 . Her earnings for 40 hours are $40 * \$10 = \400 . Therefore, her total earnings are $\$400 + \$60 = \$460$. </think><answer>460</answer>

