Scenario:

X = # of hours worker

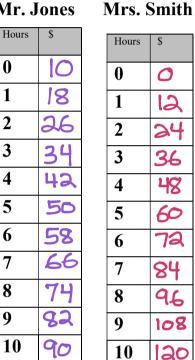
One of your neighbors, **Mr. Jones**, is interested in hiring you on a part-time basis to help with yard work such as raking, weeding, and shoveling in the winter. However, he wants to pay you \$10 to come to his house to work and then \$8 for each hour you are working. U=8X+10

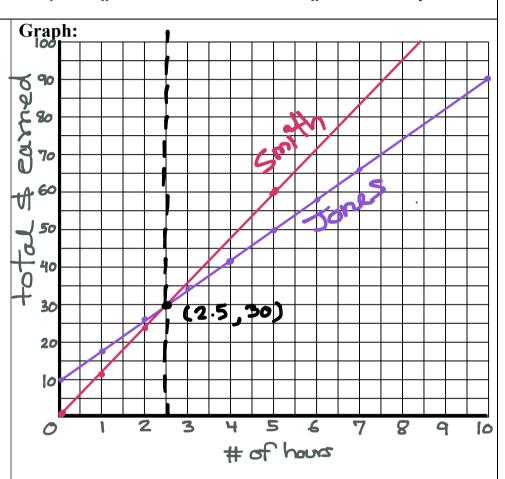
A different neighbor, Mrs. Smith, wants to pay you \$12 an hour for each hour you are working. u= lax

Your parents are encouraging you to take Mr. Jones's offer. You are not so sure... Which offer is better? Why?

Table:

Mr. Jones





Equation: (in slope intercept form - y = mx + b)

y=lax

Mr. Jones:

4=8X+10

Mrs. Smith: 4= 12X

Your parents are encouraging you to take Mr. Jones's offer. You're not so sure...Which offer is better? Why? from 0-2.5 hours, Mr. Jones has a better offer

Is there a certain amount of hours you could work where the offers would be the same? 2.5 hts.

When (which hours) would it be better to take Mr. Jones offer? From 0-2.5

When(which hours) would it be better to take Mrs. Smith's offer? More than 2.5 hrs.