

Stress Intro Activity: Word Problems

#1: Small Change

On a piece of paper, write the word “dollar”. If a dime is more than a nickel, write nickel to the left of the dollar. If there are more pennies in a nickel than quarters in a dollar, don’t write “penny under nickel” unless a nickel is more than a penny. Now cross out “dollar” and write “quarter” under it only if there are more dimes in a half dollar than nickels in a quarter; otherwise write “quarter” over “dollar” and leave “nickel” alone. If there are more quarters in a nickel than nickels in a quarter, don’t cross out “nickel” but cross out “quarter” instead. Now draw a line under “dollar” and write “dime” to the right of it only if a dime has as many pennies as a dollar has dimes. If there are more than twice as many nickels in a dollar as pennies in a quarter, cross out “dime”, otherwise don’t draw a ring around “penny”. Now write the number of pennies in a quarter over “quarter”, the number of nickels in a dime under “penny” and the number of quarters in a dollar over “dime”. If you have not crossed out “nickel”, cross out “dime” unless you have crossed out “dime” in which case write the number of pennies in a dollar under “dollar”. Be sure to cross out the number of pennies in a quarter if you have not underlined “dollar” and the number of quarters in a dollar if you have not underlined “dime”.

Key

Nickel	25	
Year	Quarter	4
Penny	<u>Dollar</u>	Dime

#2: Time Will Tell

On a piece of paper, write the word “year”. To the right of the word “year”, write the word “month”. If an hour is more than a minute, write the “week” over the word “year”. If there are more weeks in a year than days in a month, cross out the words “week” and “month” and write the number of seconds in a minute under the word “year”. If there are less days in a week than months in a year, write the number of weeks in a month over the number of days in a year. Don’t cross out the word “year” unless there are twice as many hours in a day as there are months in a year.

If you have crossed out the number of weeks in a month, write the number of seconds in a minute over the word “week”. If you have not, write the number of hours in a day next to the number of days in a year. If there are as many seconds in a minute as minutes in an hour, cross out the number of seconds in a minute and write the number of minutes in an hour over the number of hours in a day.

If the number of hours in a day is less than the number of weeks in a year, write half of the number of weeks in a year under the number of seconds in a minute. If there are over twice as many weeks in two years as there are years in a century, write the word “century” over the word “week”, unless you have crossed out the word “week”; in which case, cross out the number of weeks in a month.

Key

Week		4 (strikethrough)	60
Year	Month	365	24
			60
			26