Family Members

Everyone has a Mother and Father but the number of Brother and Sister can be different for students. The number of grandparents that are alive can also vary. Lets see if we can discover how many family members some of our students have.

Step 1. Ask a student to get out a sheet of paper. Tell them to write down on the sheet of paper the number of brothers are in their family.   You may want to have a second student watch so they can check that the math is done correctly.

Step 2. Have them multiply that number by 2.

Step 3. Have then add 3 to that new number.

Step 4. Ask them to multiply that new number by 5.

Step 5. Ask them take the number they just found and add to it the numbers of sisters they have in their family. They may have none. If so add 0.

Step 6. Ask them to multiply the number they just found by 10.

Step 7. Ask them take the number they just found and add to it the numbers of grandparents that are still alive in their family. They may have none. If so add 0.

Step 8.   Ask the student to let you see the work on their parer so you can see their final number or ask for their final number.

Step 9.   You subtract 125 from that number and announce the number of brothers, sisters and grandparents. .

The number they announce will be a 3 digit number.   The hundreds digit is the number of brothers. The 10s digit is the number of sisters and the 1s digit is the number of grandparents. .

Example 1: They have 3 brothers, no sisters and 2 grandparents.

Step 1. Brothers = 3
Step 2. 2 * 3 = 6
Step 3. 6 + 3 = 9
Step 4.   5 * 9 = 45
Step 5. 45 + 0 = 45 sisters = 0
Step 6. 10 * 45 = 450
Step 7. 450 + 3 = 452   grandparents = 2
Step 8. 452 – 150 = 302   3   0   2   Say, you have 3 brothers, no sisters and 2 grandparents.
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