Name: Algebra I	JMJ	Date:	
<u>Directions</u> : Form let statement(s), set up an equation, a	and solve alge	ebraically.	
1. When one-half of a number is decreased by one-fit	fth of the num	nber the result is 6. Find the number.	
2. When one-fourth of a number is increased by 5 the by 4.	e result is the s	same as two-fifths of the number decrease	ed
3. Susie received grades of 85, 84, 92, and 91 on four obtain an average of 90 for the five tests?	math tests. Wl	That grade must she obtain on a fifth test to	)

4. The average of three consecutive odd numbers is 25. Find the numbers.

5. When one-third of a number is decreased by two, the result is the same as twice the number decreased by 27. Find the number.
6. When triple a number is decreased by the sum of half a number and eighteen, the result is the same as the number. Find the number.
7. The average of four consecutive integers is 19.5. Find the integers.
8. One-tenth subtracted from four-fifths of a number is equal to 1.5. Find the number.
9. The average of three consecutive even integers is nine more than half the first integer. Find the integers.