Each WA is worth $\underline{10 \text{ points}}$ total. Work right on these pages. You can work together or see a tutor, but NEVER copy. This $\overline{\text{WA}}$ is for a grade, so dishonesty or cutting corners may earn a 0 for all involved.

	$[2\ pts]$ Clearly explain whether the statement below is true or false, using the formal definition of "divides.".
	36 divides 9.
2.	[2 pts - 0.5 $each$] If the number N is a multiple of 14, circle all statements below that are also true.
	(a) N is a factor of 14.
	(b) N is divisible by 14.
	(c) 14 is a divisor of N .
	(d) $14 N$.
3.	(a) [1 pt] List ALL of the factors of 280.
	(b) /1 pt/ Now list all of the COUNTING NUMBER multiples of the number above.

4.	[1 pt] Find all factors of 220 that are also multiples of 11.
5.	[1 pt] Find the smallest value of the digit x so that the 5-digit number 23, x 92 is divisible by 7. Show supporting work, and clearly indicate your answer, but you need not explain.
6.	$[2\ pts$ - $0.5\ each]$ Indicate whether each statement below is true or false. SPELL out the word: no half-legible letter Ts or Fs alone.
	(a) 0 is factor of every whole number.
	(b) 1 divides every whole number.
	(c) An even number can never have an odd factor.
	(d) Any multiple of 50 will also be a factor of 200.