Anderson	Saniya Ali (A) Siberdorf Domisone Mostett (C)
Put the first three letters of	Your LAST NAME in the boxes:
Full Name:	UTEID:
	assion Worksheet #1, Stoichiometry and Pressure at. Your work and answers must fit in the boxes or diagrams provided for
and D (75.0 g/mol) Which reactant is th	0.0 g/mol) react with 35.0 grams of B (40.0 g/mol) to form C (37.0 g/mol) according to the following equation: $3 \text{ A} + 2 \text{ B} \rightarrow 5 \text{ C} + 1 \text{ D}$ the limiting reactant? (Show the work used to make this determination in the box
and then circle your	
400 8 y	3 = 3 " moi A is smaller than 0,00
	$= \frac{3}{3000} = \frac{1}{100}$
	The limiting reactant is (circle one): (A) B C D
	n in #1, what is the maximum number of grams of D that can be produced? our work and put your final answer in the spaces in the lower right corner.
40.3 A.	1 mo1 A 1mo1 D 18 mm D 2 16.7 8 D
	Answer: <u>\\b.\\</u> g D
	on in #1, how many grams of excess reactant are left over at the completion of the gain, show your work and put your final answer in the spaces in the lower corner.
~10.0 g	1 moi A 2 moi B 40 mm B = 17.8 g B
35.0-	17.8 & 8= 17.2
	Answer: <u>\range 2 a gof 8</u>