Math Work Sample	-		
Practice - Algebra			
Name MAURER	Da	te	·
Pat was in a fishing competition at Lake Pisces. S Each bass weighed 3 pounds, and each trout weight pounds of fish. She got 5 points in the competition endangered in Lake Pisces, she lost 1 point for each points. How many bass and trout did Pat catch du X = Lass, $Y = Lass$ , $Y = Lass$ , $Y = Lass$ , $Y = Lass$	ned 1 pound. Pon for each bach trout. Pats	lat caught a tot ss, but since tr scored a total o	tal of 30 rout are of 42
Weight	Point		
$\smile$	5X-L	y = 42	
I will use elimination			
$3 \times 1/y = 30$ + $(5 \times -1/y = 42)$		3(9)+ly 27+lu:	
$\frac{8x=72}{8}$ $x=9.$ Plug in to	<b>\</b> .	27 4=	., ,
Strand:x algebra geometry statistics	Score:	7	
Standard(s):  HS.A-CED.A  3) Represent constraints by equations or inequalities, and by ystems of equations and/or inequalities, and interpret solutions	Making sense of the task	Representing and solving the task	
ystems of equations and/or inequalities, and interpret solutions solutions is viable or non-viable options in a modeling context.  IS.A-REI.C  6) Solve systems of linear equations exactly and approximately,	Communicating reasoning	Reflecting and evaluating	Accuracy
ocusing on pairs of linear equations in two variables.	;		

Continued on Backon

Pat Caught 9 bass & 3 trout. Tables Graph Weight Points 3× +14=30 5x - 1y = 42x=0,-1y=42  $y=0,\frac{5x=42}{5}$   $y=0,\frac{5}{5}$  x=8.4 (0,-42) (8.4,0)Both tables have (9,3) 3×+14=30 10 -4/5-