Grading Word Problems

10 points

     3 points identifying what you are looking for

     3 points for expressing those algebraically

     3 points for writing an equation

     1 point for the correct answer

Example: Fred got 3 more than twice as many correct on the test as Ted. If there were 24 questions on the test, how many did each get correct?

3 Pts	3 Pts	3 Pts
F	$-2x + 3$	$(2x + 3) + x = 24$
T	$-x$	

1 Pt

$$2x + 3 + x = 24$$
$$3x + 3 = 24$$
$$3x = 21$$
$$x = 7$$

Ted got 7 correct and Fred had 17 correct.

N.B.   *x is **never** the answer, the answer is when you answer the question!*