

Averaging slopes

John T. Baldwin

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These were graded with 3 points for question 1 and 2, 2 points for question 4, 4 points for question 9 and 1 point for each other question.

I took off occasional half points for failure to explain clearly or simplify an answer. In problem 9, I took into account the quality of the explanation. The key point that got four points instead of three was: Since we have reversed the roles of the x and y axis, naturally we have inverted the slope.

No make-up if your score was 15 or above.

The make-up should include an answer to the following question.

What is the difference between a function which is linear and one which is piece-wise linear. Give examples showing that the notion of piecewise linear shows up in high school algebra although it is not a term that should be used with students.

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