

Math 190 Quiz 4: Monday November 14

The quiz is 15 minutes long and has one question. No calculators or other aids are permitted. Show all of your work for full credit.

Questions:

1. A 20m tree has been bent in a storm and makes an angle of 60° with the ground. Some sap is moving down the tree moving at speed 2 m/min. How fast is the distance from the sap to the ground decreasing when the sap is half way down the tree?