

MATH 190, QUIZ 4

Nov 5, 2018

Time: 15 minutes

Show all your work. No calculators, no books/notes are allowed.

Name (please print): _____

Student number: _____

1. A 20 m 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?