

QUIZ #2 – MATH 2200
SPRING 2018

1. Rewrite the following statement using nested quantifiers. (10 points)

Some student in this class will get all the problems correct on this quiz.

2. Give a proof that if $m^2 = n^2$ then either $m = n$ or $m = -n$. (10 points)

Hint: You may use the fact that if $ab = 0$, then $a = 0$ or $b = 0$.