

Math 375, Fall 2026, Quiz 4, 9/4/26

Name:

Factor, if possible:

$$10x^2 - 31x + 14$$

Ans: Cannot be factored.

We look for factors of 140 that add to 31

Some options:

$$140 = 7 * 20, \text{ these add to } 27$$

$$140 = 5 * 28, \text{ these add to } 33$$

Since 6 does not go into 140, there are no other options.