

Math 270 - Basic Discrete Mathematics
Practice Quiz on Section 4.3

Directions: Answer the problems given below.

1. The following numbers are all rational: write each as a fraction of integers.

a. 17

b. -6.25

c. $0.2828282828\dots$

2. Prove that for all rational numbers r and s , the number $2r - 3s$ is rational.