

Math 270 - Basic Discrete Mathematics
Practice Quiz on Section 4.6

Directions: Answer the problems given below.

1. Evaluate each of the following:

a. $\left\lfloor \frac{13}{5} \right\rfloor =$

b. $\left\lceil \frac{13}{5} \right\rceil =$

c. $\left\lceil -\frac{5}{2} \right\rceil =$

d. $\lfloor -4 \rfloor =$

2. Prove that for every integer n , if n is odd then $2 \left\lceil \frac{n}{2} \right\rceil = n + 1$.