

Math-42 Sections 01, 02, 05

Homework #10

Due: Week of 4/20

Reading

Section 4.1

Problems

1. Prove: $\forall a, b, c \in \mathbb{Z}$:

$$a|b \text{ and } b|c \implies a|c$$

2. Give an example with $a = 7$ and $b, c \neq 7$.