

# Quiz 3 Solution

March 12, 2020

## Question 1

1. True

## Question 2

1.  $\forall n \in \mathbb{Z}, \exists m \in \mathbb{Z}, n \mid m$
2.  $\forall n \in \mathbb{Z}, -1 \mid n$
3.  $\forall n \in \mathbb{Z}, n \mid 0$
4.  $\exists m \in \mathbb{Z}, \forall n \in \mathbb{Z}, n \mid m$

## Question 3

## Question 4

## Question 5

## Question 6

## Question 7

## Question 8