

# CSC/MAT-220: Discrete Structures

## Solution 3

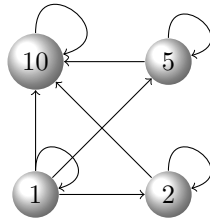
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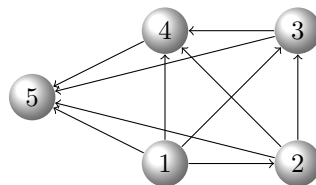
### Book Problems

#### Problem 4.17

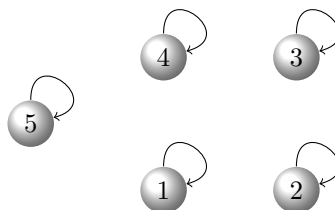
a.



b.



c.



### Problem 15.14

a.

**Congruence mod 2**

1

6

2

7

3

8

4

9

5

10

**Congruence mod 3**

1

6

2

7

3

8

4

9

5

10

### Problem 15.15

### Other Problems