**1.** List the domain and range of each relation. /28

**a)** 

**b)**

|  |  |
| --- | --- |
| ***x*** | ***y*** |
| 7 | 3 |
| 5 | 2 |
| 3 | 1 |
| 1 | 0 |

**c)** (10, 5), (8, 4), (6, 3), (4, 2), (2, 1)

 **2.** Describe the set of numbers indicated by each number line using **words** and **interval notation**.

**a) b)**

****

**c) d)**

****

**3.** Represent the set of numbers indicated using **a number line**.

**a)** all real numbers less than 5 but greater than or equal to 0

**b)** (–4, 7]

 **4.** Give the domain and range of each graph using **words**, **a number line**, **interval notation**, and **set notation**.

**a) b)**

**c)** **d)**