

**1-78.** Which of the relationships below are functions?  If a relationship is not a function, give a reason to support your conclusion.

a.

|  |  |
| --- | --- |
| ***x*** | ***y*** |
| −3 | 19 |
| 5 | 19 |
| 19 | 0 |
| 0 | −3 |

b.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***x*** | 7 | −2 | 0 | 7 | 4 |
| ***y*** | 10 | 0 | 10 | 3 | 0 |

c.  d. 

**1-79.** Find the *x*- and *y*-intercepts for the graphs of the relationships in problem 1-78.

**1-80.**Find the inputs for the following functions with the given outputs.  If there is no possible input for the given output, explain why not.

****a. b.

****

**1-81.** Use the relationship graphed at right to answer the questions below.

1. Is the relation a function?
2. What is the domain?
3. What is the range?

**1-82.** What value(s) of x will make each equation true?

1.  b.  c. 