**Represent the relation shown in the graph as indicated:**



**Draw a mapping and a graph for each relation**:



**For each relation, state the domain and range, and tell if it’s a function.**

|  |  |  |
| --- | --- | --- |
| 6. | D= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_R= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Function? \_\_\_\_\_\_\_\_ | {(0, 2), (-3, 1), (4, -5), (7, 4)} |

**Express the relations shown in each table, mapping, or graph as a set of ordered pairs. Then state the domain and range. Tell whether the relation is a function.**

|  |  |  |
| --- | --- | --- |
| 8. | Ordered Pairs: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_D= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_R= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Function? \_\_\_\_\_\_\_\_ |  |
| 9. | Ordered Pairs:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_D= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_R= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Function? \_\_\_\_\_\_\_\_ |  |
| 10. | Ordered Pairs:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_D= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_R= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Function? \_\_\_\_\_\_\_\_ |  |
| 11. | Determine whether or not each graph is a function.  | A. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_B. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_C. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_D. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |