|  |  |  |  |
| --- | --- | --- | --- |
| **Representation** | **Relation?** | **Function?** | **Supporting Reasons** |
|  | Yes |  |  |
|  | Yes |  |  |
| |  |  | | --- | --- | | A | B | | −4 | 0 | | 2 | 8 | | 5 | 9 | | 2 | 3 | | 6 | 1 | | Yes |  |  |
| Set A = {(2,9), (3,4), (3,0), (8,2)} | Yes |  |  |

Key

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| --- | --- | --- | --- |
| **Representation** | **Relation?** | **Function?** | **Supporting Reasons** |
|  | Yes | **No** | Horse is paired with two elements in the second set. |
|  | Yes | **Yes** | Each element in domain is paired with one and only one element in range. |
| |  |  | | --- | --- | | A | B | | −4 | 0 | | 2 | 8 | | 5 | 9 | | 2 | 3 | | 6 | 1 | | Yes | **No** | 2 is paired with 8 and 3. |
| Set A = {(2,9), (3,4), (3,0), (8,2)} | Yes | **No** | 3 is paired with two elements in a range. |