Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_

Do the following sets of points create **similar triangles**? **Justify** your reasoning.

|  |  |
| --- | --- |
| **Line #1** | |
| **Pink Dot** | (-3, -7) |
| **Green Dot** | (1, 1) |

|  |  |
| --- | --- |
| **Line #2** | |
| **Pink Dot** | (1, 1) |
| **Green Dot** | (4, 7) |

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_

Do the following sets of points create **similar triangles**? **Justify** your reasoning.

|  |  |
| --- | --- |
| **Line #1** | |
| **Pink Dot** | (-3, -7) |
| **Green Dot** | (1, 1) |

|  |  |
| --- | --- |
| **Line #2** | |
| **Pink Dot** | (1, 1) |
| **Green Dot** | (4, 7) |