**Summer** **Camp**

Abigail, Oliver, Rosa, and Blake all attend the same summer camp, where they can cook, kayak, rock climb, and zip-line. Each child has a different favorite activity.

* Abigail’s favorite activity isn’t rock climbing.
* Oliver is afraid of heights.
* Rosa can’t do her favorite activity without a harness.
* Blake likes to keep his feet on the ground at all times.

Can you figure out who likes what?

Starting with elimination:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Cook | Kayak | Rock Climbing | Zip-line |
| Blake | 1 | 0 | 0 | 0 |
| Oliver | 0 | 1 | 0 | 0 |
| Rosa | 0 | 0 | 1 | 0 |
| Abigail | 0 | 0 | 0 | 1 |

|  |  |
| --- | --- |
| Blake | Cook |
| Oliver | Kayak |
| Rosa | Rock Climb |
| Abigail | Zip-line |

Solution

* Blake does not like to kayak, rock climb or zip-line because he like to keep his feet on the ground at **all** times. Therefore his favorite activity is cooking.
* Oliver does not like to rock climb or zip-line because he is afraid of heights. That leaves kayaking for Oliver since Blake likes cooking.
* Since Abigail’s favorite activity is not rock climbing, the only choice left is zip-lining.
* Finally, the only available activity left is rock climbing for Rosa which complies with the rule that she has to use a harness for her activity.