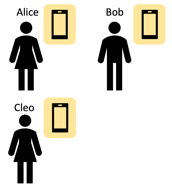
**Task 1:**Use your work on worksheet 1.

**Puzzle pieces:**

**Persons:**

**Connection arrows:**



1. Place the puzzle pieces (see right) on the template (see puzzle materials).
2. Place the person tiles in different radio cells (circles on the template).

**Task 2:**

1. Recreate the following situation in the puzzle with the orange arrows:

**Situation: Alice calls Bob on her cellphone**

1. Put the steps in the gray boxes in the correct order by adding numbers between 1 and 6.

6

Bob's cellphone receives the request and rings.

Alice's cellphone sends a request to the nearest base station to make a call.

1

The base station forwards the request to Bob's cellphone.

The exchange forwards the request to the base station where Bob is located.

The base station forwards the request to the switching center.

The exchange looks in a data memory to see where Bob is.

**Task 3:**

1. Recreate the following situation in the puzzle with the green arrows:

**Situation: Cleo calls Alice on her cellphone**

1. Put the steps in the gray boxes in the correct order by adding numbers between 1 and 6.

The exchange forwards the request to the base station where Alice is located.

The base station forwards the request to the switching center.

6

Alice's cellphone receives the request and rings.

Cleo's cellphone sends a request to the nearest base station to make a call.

1

The switching center checks a data memory to see where Alice is located.

The base station forwards the request to Alice's cellphone.

**Task 4:**

Make assumptions: What data is collected in the situations from tasks 2 and 3?

**Aufgabe 5:**

1. Complete the column headings with data that is collected to make a phone call?
2. Fill in the table using the two situations from tasks 2 and 3. Add example values.   
   (Note: Imagine that the phone call has just taken place.)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Start** (date and time) | **End** (date and time) |  |  |  |  |
| Situation A: Alice calls  Bob |  |  |  |  |  |  |
| Situation B:  Cleo calls Alice |  |  |  |  |  |  |