Definition 1. *The map below defines the **Cone** relation.*
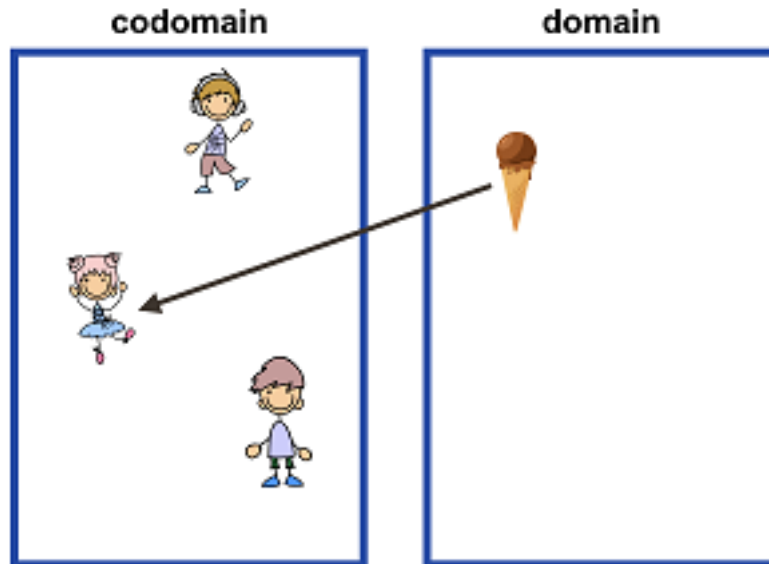
codomain   **domain**

*The **Cone** relation includes three sets:*

- *The domain consists of 1 ice cream cone identified in the map.*

- *The codomain consists of the 3 family members identified in the map.*

- *A set of ordered pairs. The pair (cone, person) is a member of the Cone relation if the cone is connected to the person with an arrow.*

Exercise 1 *How many items are in the domain of Cone?* $\boxed{1}$

Feedback (attempt):   *Just one chocolate cone.*

Exercise 2 *How many pairs are in Cone?* $\boxed{1}$

Feedback (attempt):   *Just one chocolate cone.*

Exercise 3 *Is Cone a well-defined function?*

Multiple Choice:

(a) Yes ✓

(b) *No*

Feedback (attempt):   *Each domain cone is associated with exactly one codomain person.*

Exercise 4 *How many items are in the range of Cones?* $\boxed{1}$

Feedback (attempt):   *Only one of the three persons has an arrow pointing to her.*