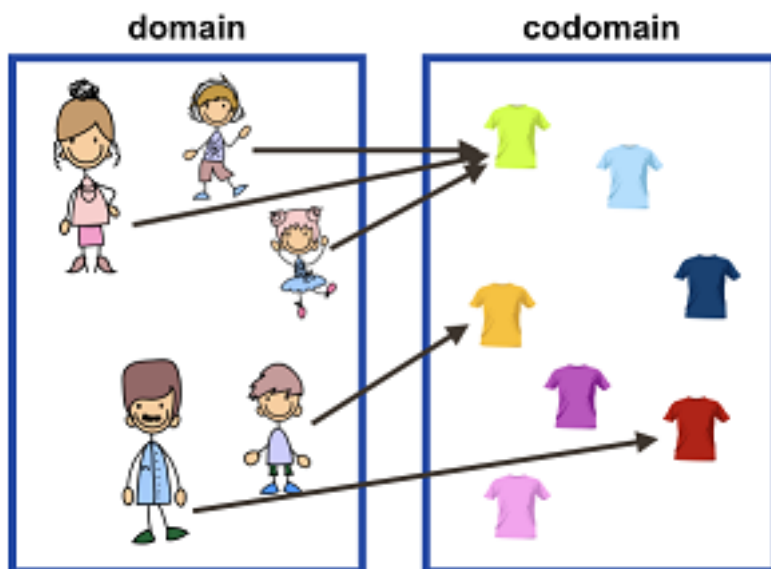**Definition 1.** *The map below defines the **Shirt** relation.*

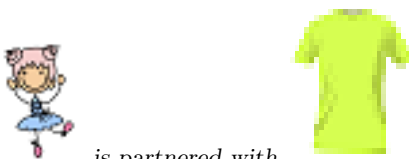*The **Shirt** relation includes three sets:*

- *The domain consists of 5 family members identified in the map.*

- *The codomain consists of the 7 shirts identified in the map.*

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

Exercise 1 *(,) ∈ Shirt*

Multiple Choice:

(a) *True*

(b) *False* ✓

Feedback (attempt): *is partnered with*

1

Exercise 2 *Is Shirt a well-defined function?*

Multiple Choice:

  (a) *Yes* ✓

  (b) *No*

Feedback (attempt):   *Each domain family member is associated with exactly one codomain shirt.*

Exercise 3 *How many items are in the range of Shirt?* $\boxed{3}$

Feedback (attempt):   *Only three shirts in the codomain are used as partners for domain family members.*

Exercise 4 *Evaluate Shirt(* *)*
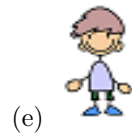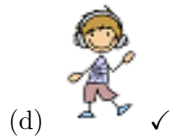
Multiple Choice:

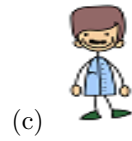 (a)

  (b)

  (c)   ✓

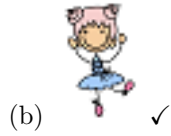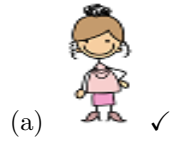**Feedback (attempt):**   (,) is the pairing in Shirts.

Exercise 5 *Solve Shirt(familyMember) =*

Select All Correct Answers:

(a)   ✓

(b)   ✓

(c)

(d)   ✓

(e)

Feedback (attempt):   *Three family members are partnered with* .