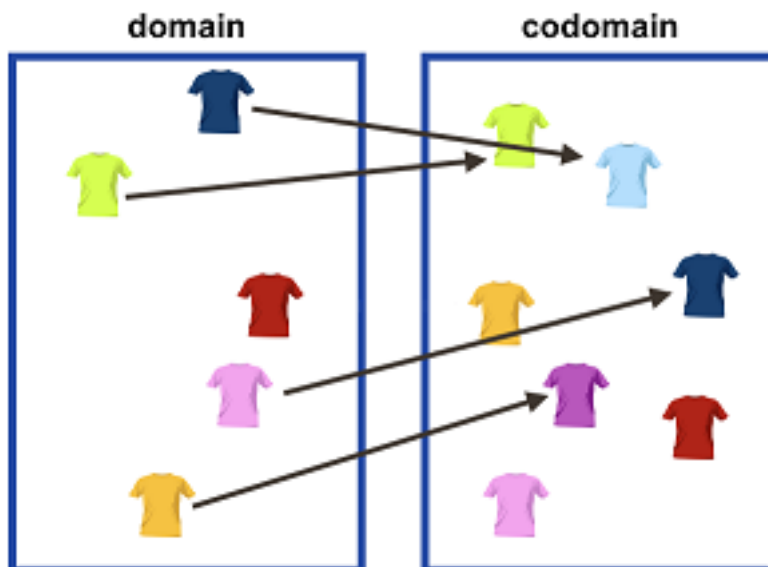


Definition 1. The relation *finch* is defined via the map below.



The domain, codomain, and pairs are all shown.

Exercise 1 How many items are in the domain of finch?

Exercise 2 How many pairs are in finch?

Exercise 3 How many items are in the codomain of finch?

Exercise 4 Is every domain member paired with exactly one codomain member?

Multiple Choice:

- (a) Yes
- (b) No ✓

Exercise 5 Is every codomain member paired with exactly one domain member?

Multiple Choice:

- (a) Yes
 - (b) No ✓
-

Exercise 6 *Is the finch relation a function?*

Multiple Choice:

- (a) Yes
 - (b) No ✓
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