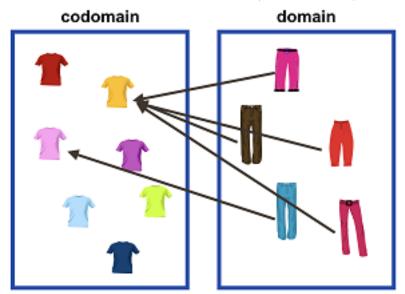
Definition 1. The relation cardinal is defined via the map below.



The domain, codomain, and pairs are all shown.

Exercise 1 How many items are in the domain of cardinal? 5

Exercise 2 How many pairs are in cardinal? 5

Exercise 3 How many items are in the codomain of cardinal? $\boxed{7}$

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

${\it Multiple\ Choice:}$

- (a) Yes ✓
- (b) *No*

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

(a) Yes(b) No√				
Exercise 6	Is the cardir	al relation a	a function?	
Multiple Cl	ioice:			
(a) Yes ✓				
(b) <i>No</i>				

Multiple Choice: