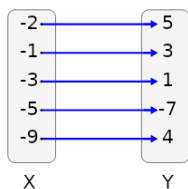




Distinguish relations from functions

1

What is the definition of 'Domain' for this function?

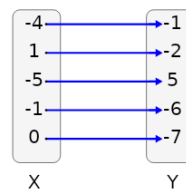


A The set of all possible Y values

B The set of all possible X values

2

What is the definition of 'Range' for this function?

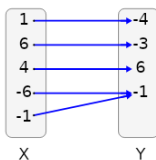


A The set of all possible X values

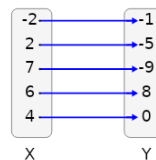
B The set of all possible Y values

3

What is the domain for this function?

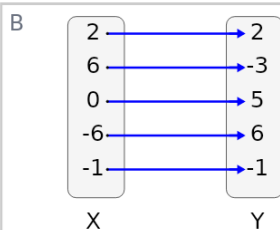
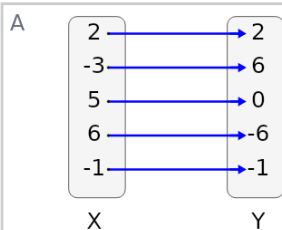
A $D: \{-4, -3, 6, -1\}$ B $D: \{1, 6, 4, -6, -1\}$ **4**

What is the range for this function?

A $R: \{-2, 2, 7, 6, 4\}$ B $R: \{-1, -5, -9, 8, 0\}$ **5**

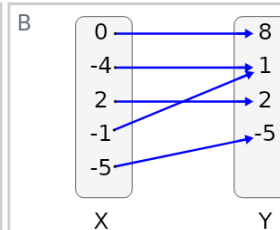
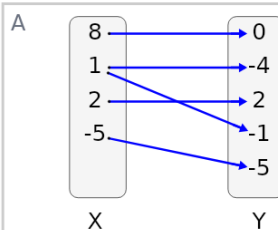
Which relation has this range?

$$R: \{2, 6, 0, -6, -1\}$$

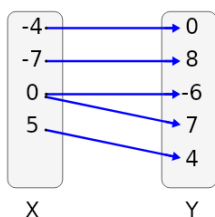
**6**

Which relation has this domain?

$$D: \{0, -4, 2, -1, -5\}$$

**7**

When is a relation like this a 'Function'?



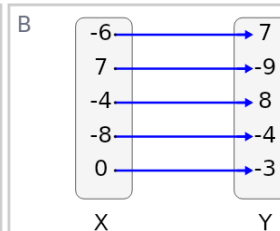
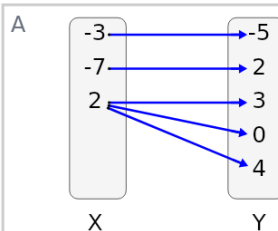
A Every x value has a single y value

B Every y value has a single x value

8

Which relation IS a function?

$$R: \{7, -9, 8, -4, -3\}$$

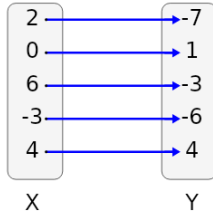




Distinguish relations from functions

9

Is this relation a function?

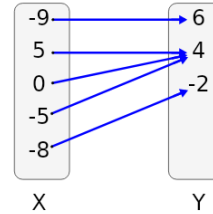


A Yes

B No

10

When is a relation like this a 'Function'?



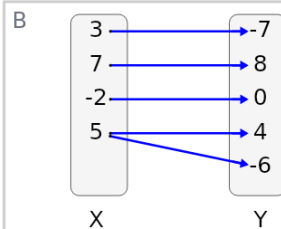
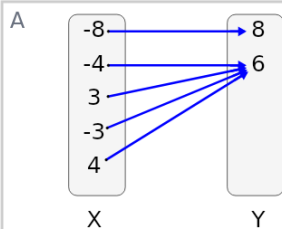
A Every x value has a single y value

B Every y value has a single x value

11

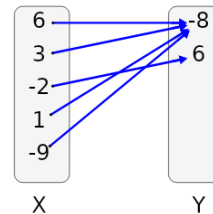
Which relation IS a function?

$R : \{8, 6\}$



12

Is this relation a function?



A No

B Yes