

## Lesson 3: Intersection (n)

The operation Intersection is used to determine where sets meet at. The operation n is defined as “and”. The set name  $R \underline{n} B$  means “All the cards that are red and blue.”

Here is a sample universe:

1	2	3	4	5	6
B		B	B		B
R	R		R		
G		G	G	G	
	Y		Y	Y	Y

Use the universe above to find the number of cards in each set name using the n operation.

1. $R \underline{n} B$	2. $R \underline{n} Y$
3. $B \underline{n} Y$	4. $G \underline{n} R$
5. $R \underline{n} Y \underline{n} G$	6. $B \underline{n} Y \underline{n} R \underline{n} G$