**Part 1 - Review of Venn Diagrams**

**At least
1 Bird**

**At least
1 Cat**

**At least
1 Dog**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **At least 1 Dog** | **At least 1 Cat** | **At least 1 Bird** | **No Pets** |
| **Anne** | $$√$$ |  |  |  |
| **Karley** | $$√$$ | $$√$$ |  |  |
| **Carson** | $$√$$ | $$√$$ |  |  |
| **Debra** |  | $$√$$ |  |  |
| **James** |  | $$√$$ | $$√$$ |  |
| **Michelle** |  |  |  | $$√$$ |
| **Brandon** |  |  | $$√$$ |  |
| **Luke** | $$√$$ |  | $$√$$ |  |
| **Eddie** | $$√$$ | $$√$$ | $$√$$ |  |
| **Frank** | $$√$$ | $$√$$ |  |  |

**1. (Dog)**

**2. (Dog Ո Cat)**

**3. (Dog U Cat)**

**4. (Cat)’**

**5. (Cat U Bird)’**

**6. (Cat Ո Bird’)**

**7. (Cat Ո Bird Ո Dog)**