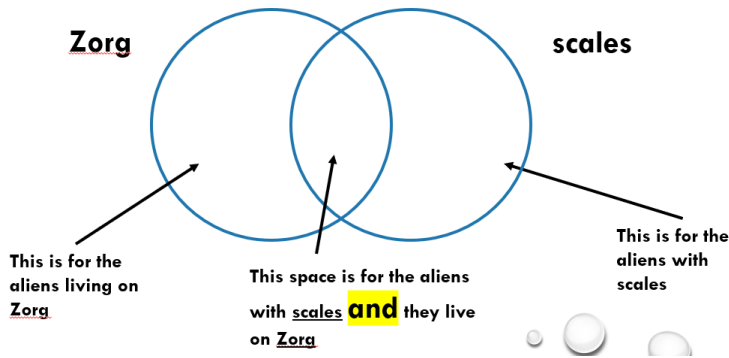

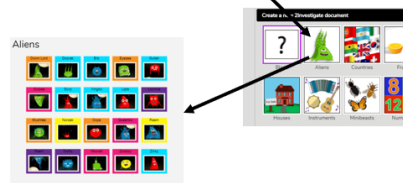


Searching a database Part 2 Complex Searches

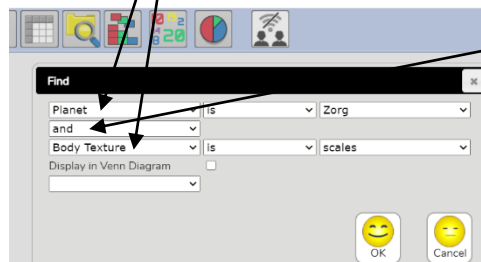
If we want to find which aliens live on planet **Zorg** and have **scales**



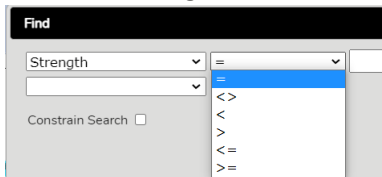
- First load Purple Mash – Tools – 2Investigate 
- Launch the App and then click Aliens database and choose



- We are going to do **Find twice** (Zorg and scales) and connect the 2 Finds with **and**



- Remember to use the drop-down arrows to get the lists. Then click OK
- The aliens grouped at the top are the ones found
- Starting another search resets database so you select from all the aliens
- When searching for numbers - eg strength - there are **equality arrows** to choose from:



<> not equal to, <= less than or equal to, >= greater than or equal to

- Search in **any order**: searching to find Zorg and then Scales gets same results as Scales first, then Zorg
- Changing to **Table View** can be useful for searching. (It works like the sheet of suspects when we have done Maths Mysteries). You can see all the fields at the same time. As you Search, the aliens which don't match are removed from the list, leaving the ones which do match. If one search had left one a few, you can sometimes easily see the answer without doing a second search: At the end of the search, click the **6 yellow squares** to get all the records/aliens back for the next search.

| Name | Eyes | Planet | Strength | Special Powers | Earth Habitat | Favourite Food | Body Texture | Hobbies |
|-----------|------|--------|----------|------------------|---------------|-----------------------|--------------|-------------------|
| Doom Lord | 1 | Saturn | 12 | bad breath | old house | frogs and old bread | smooth skin | reading |
| Doorak | 1 | Saturn | 65 | deadly tentacles | toilet | jelly sweets and peas | scales | speed jumping |
| Erb | 1 | Moon | 68 | laser eye ray | sewer | rotten burgers | smooth skin | bone collecting |
| Eyeeza | 7 | Zorg | 45 | laser eye ray | toilet | toasted insects | scales | toe nail painting |