intersection

The set of elements that are members of **both** of two specified sets.

Notes

- In set theory, the *intersection* of sets **A** and **B** refers to all elements that are in both set **A** and set **B**.
- In SNOMED CT, the *intersection* of two *subsets* of concepts consists of all concepts that are members of both subsets.

Examples

- The following expression constraint language defines the set of concepts that in the intersection subtypes of 85562004 | Hand| and members or the 723264001 | Lateralizable body structure reference set| . The "AND" instruction indicates a union between the sets defined by constraints on either side of that instruction.

  ```
  < 85562004 |Hand|
  AND ^ 723264001 |Lateralizable body structure reference set|
  ```

Related Links

- Complement
- Union
- Wikipedia
    - Intersection (set theory)