## intersection

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

## Notes

- In set theory, the intersection of sets $\boldsymbol{A}$ and $\boldsymbol{B}$ refers to all elements that are in both set $\boldsymbol{A}$ and set $\boldsymbol{B}$.
- 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

