

Do Sub-microscopic entities exist?

What does 'exist' mean in this context?

Like contour lines?

Like Ruritania or Westeros?

Like dodos?

Yes

No

No

This is the appropriate sense of exists, and to exist is to produce

Can we 'produce' sub-microscopic entities?

Sometimes no

Can we still use the terms?

Sometimes yes

How?

Yes

Why?

They are useful to scientific theories, which are more important, and which often later learn how to produce the entities

E.g., cloud chambers