

# Reflections on evolution and creationism

## gedanken experiment1

Consider the following sequence

$$x_1, x_2, x_3, \dots, x_n, 16, 25, 36$$

Questions: What is  $n$ ?

What are  $x_1, x_2, x_3, \dots, x_n$ ?

## gedanken experiment3

You closely observe a ball ricocheting off the surfaces of a closed room.

Questions: At what position in the room did the ball start?

With what velocity did the ball start?

Who, if anyone, threw it?

## gedanken experiment2

Consider the following sequence

$$\begin{aligned} & [x_1, x_2, \dots, x_m], \\ & [x_1, x_2, \dots, x_m, x_{m+1}], \\ & \vdots \\ & [x_1, x_2, x_3, \dots, x_m, x_{m+1}, \dots, x_n], \\ & [x_1, x_2, x_3, \dots, x_m, x_{m+1}, \dots, x_n, 16], \\ & [x_1, x_2, x_3, \dots, x_m, x_{m+1}, \dots, x_n, 16, 25], \\ & [x_1, x_2, x_3, \dots, x_m, x_{m+1}, \dots, x_n, 16, 25, 36] \end{aligned}$$

Questions: What are  $m$  and  $n$ ?

What are  $x_1, x_2, x_3, \dots, x_n$ ?

## reflection

What light does your answers to these questions shed on the commentary going around about the conflict between the theories of evolution and creationism?