

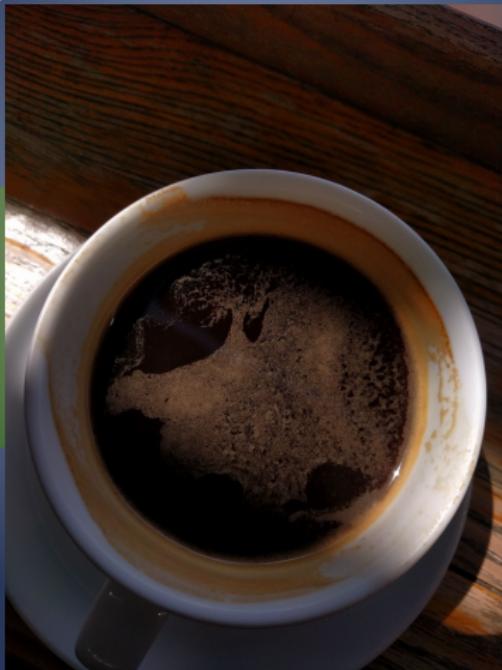
I

The Journey





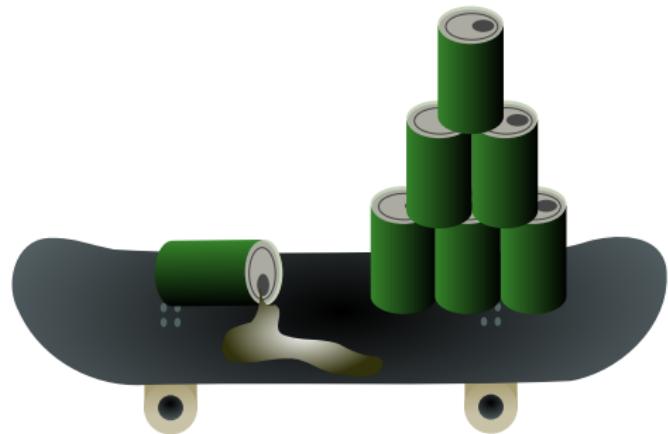


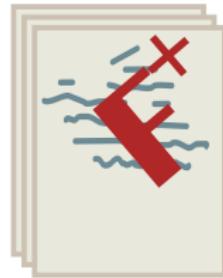
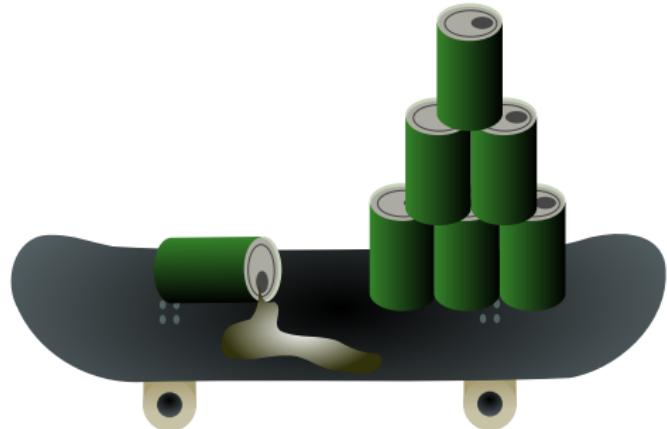


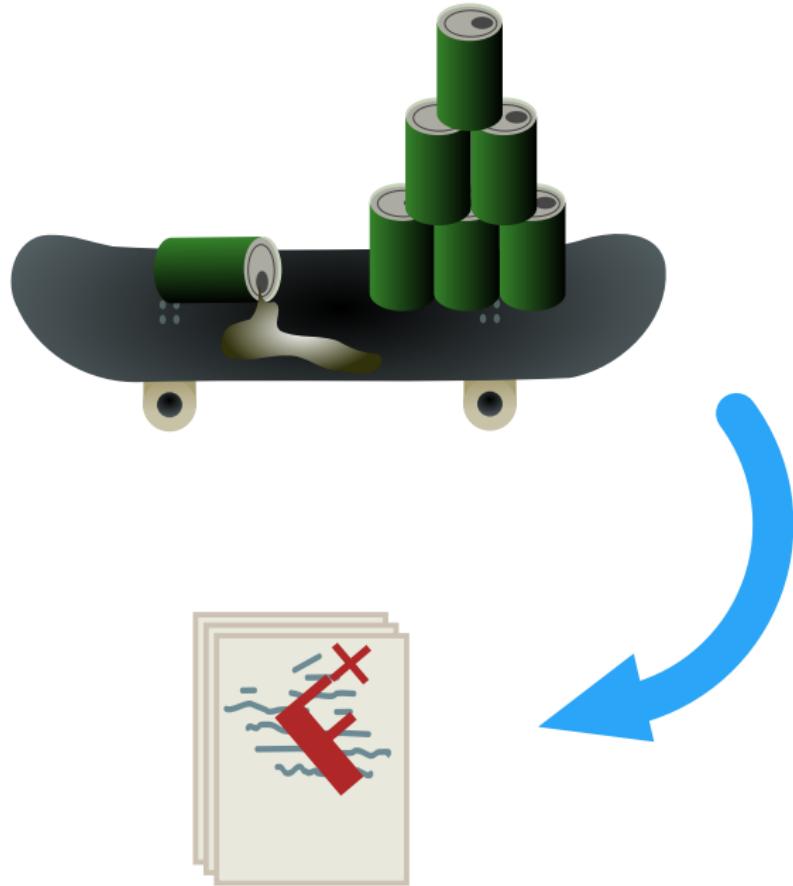


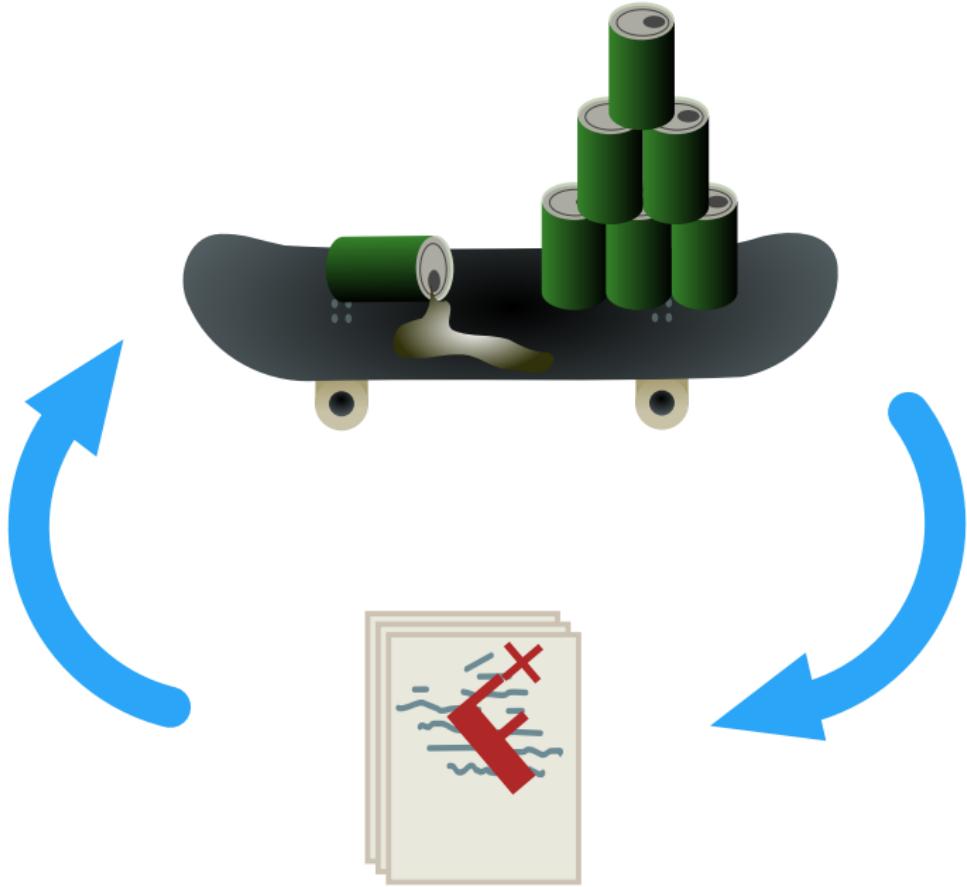












**Paul Hoffman**

# **Archimedes' Revenge**

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**The Challenge of the Unknown**

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*The Joys and Perils of Mathematics*



**Paul Hoffman**

# Archimedes' Revenge

The Challenge of the Unknown

*The Joys and Perils of Mathematics*



**HOW TO  
BUILD A  
TIME  
MACHINE**

**PAUL  
DAVIES**

HIS NEW BESTSELLER







\$@1!encryption#a



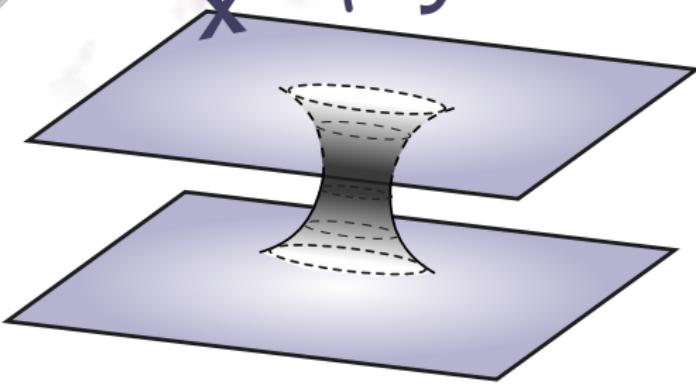
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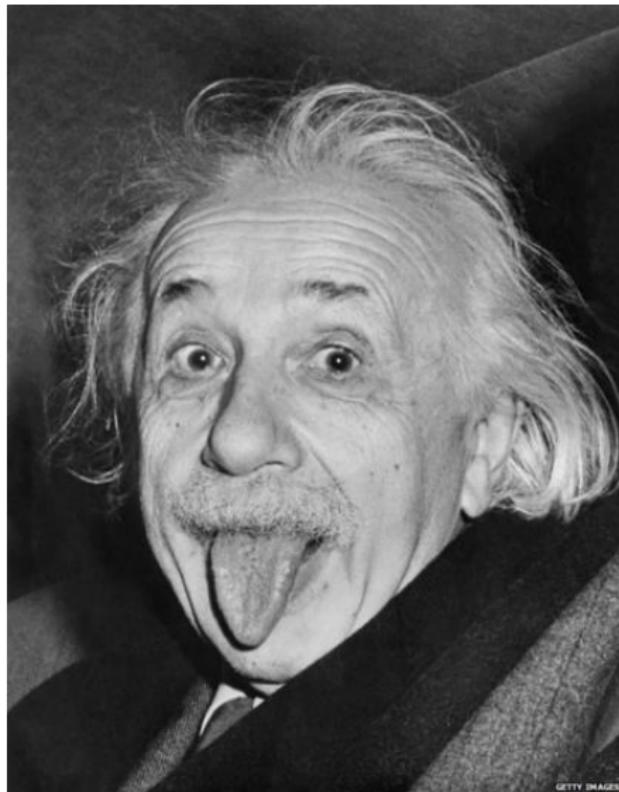
$$x^n + y^n \neq z^n !?$$



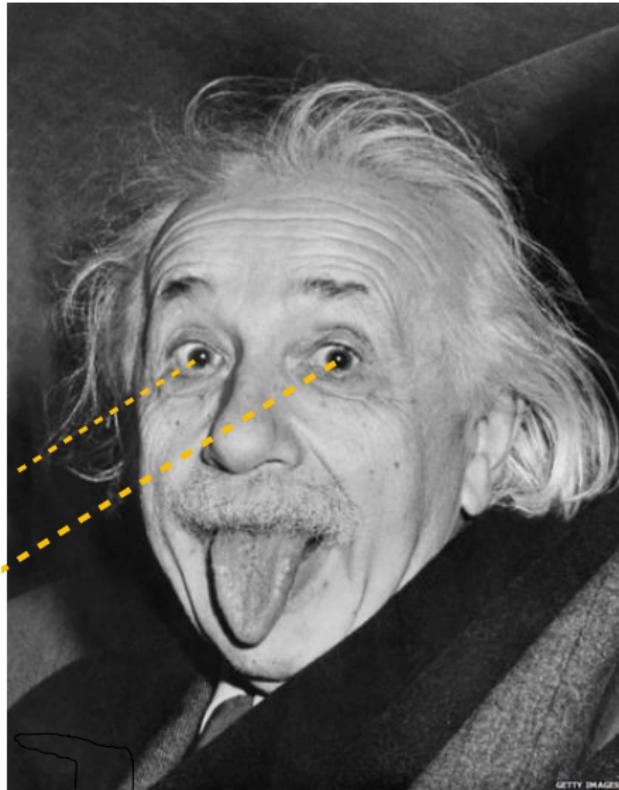
\$@1! encryption#a

$$x^n + y^n \neq z^n !?$$

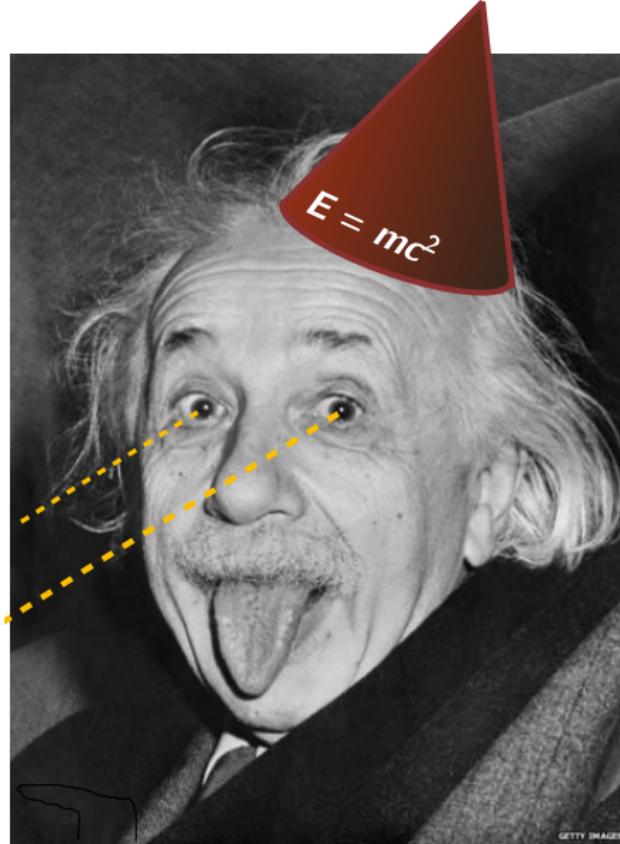




GETTY IMAGES



GETTY IMAGES



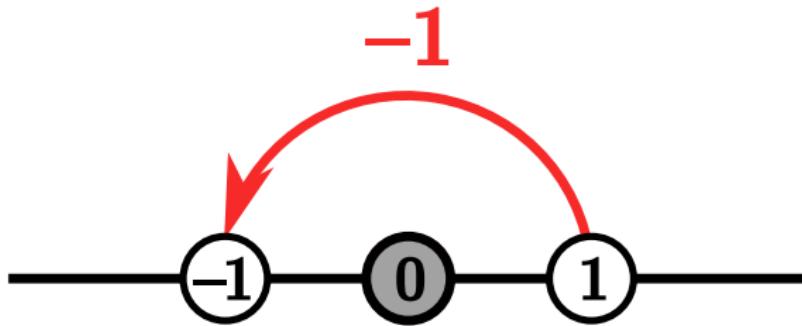
GETTY IMAGES

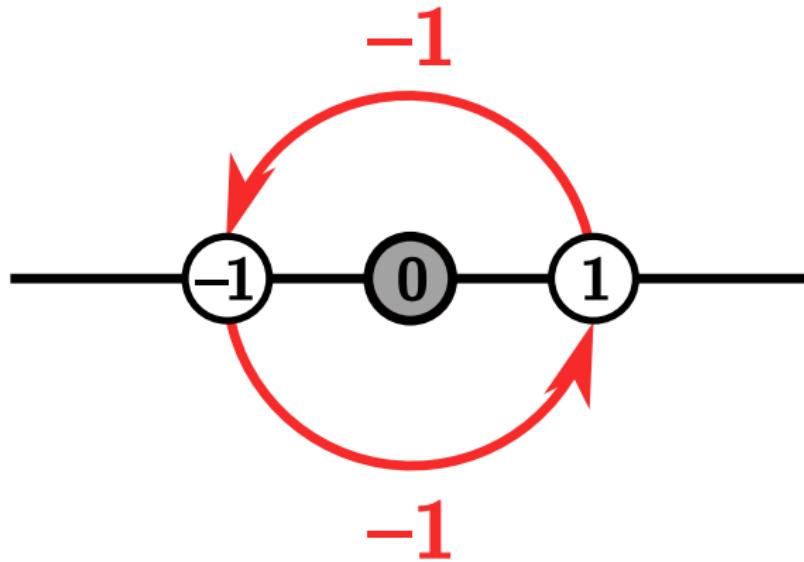


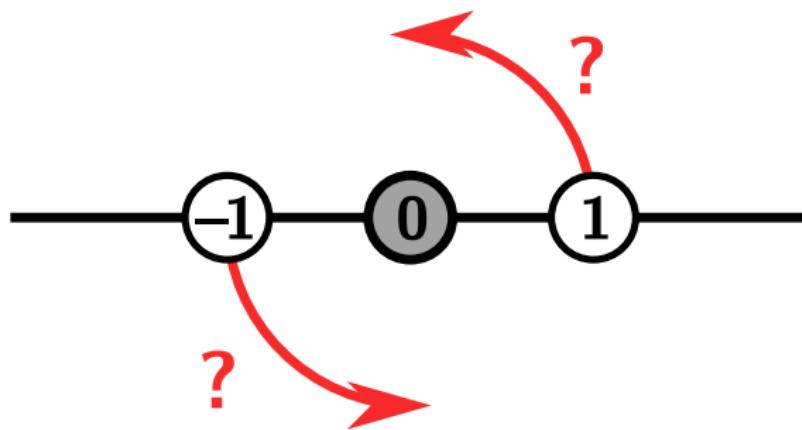


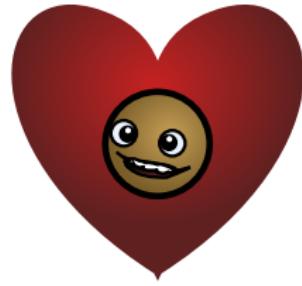
$$-1 \times -1 = -1 ?$$

$$-1 \times -1 = 1 ?$$





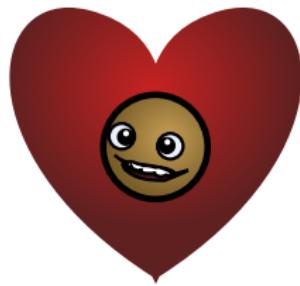
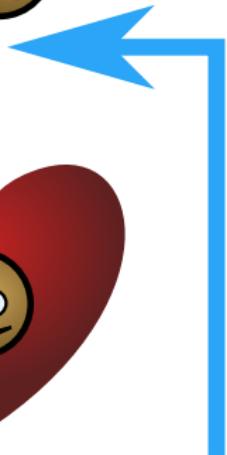




**physics**



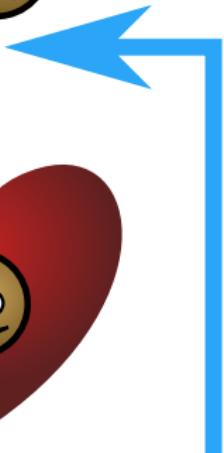
maths



physics



maths



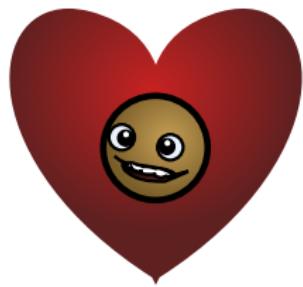
physics



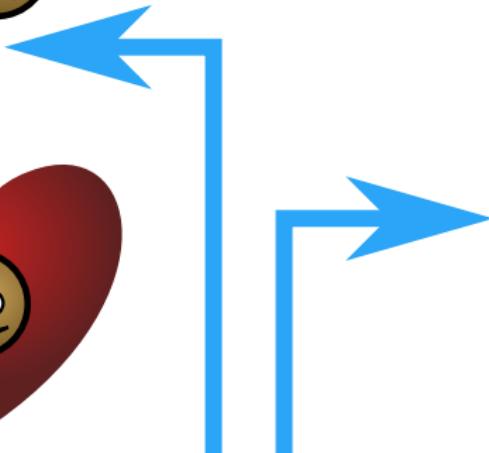
law



maths



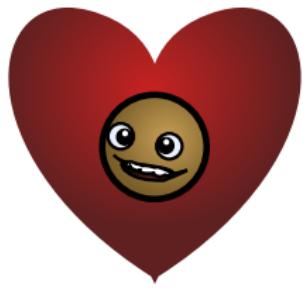
physics



law



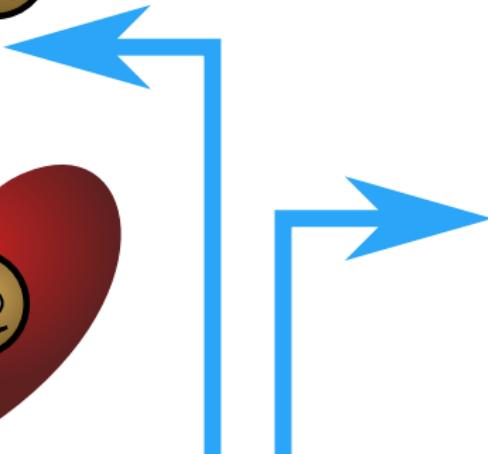
maths



physics

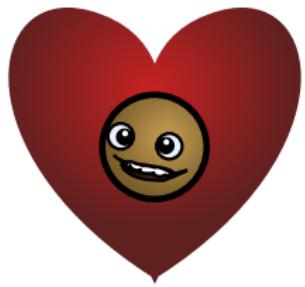


law





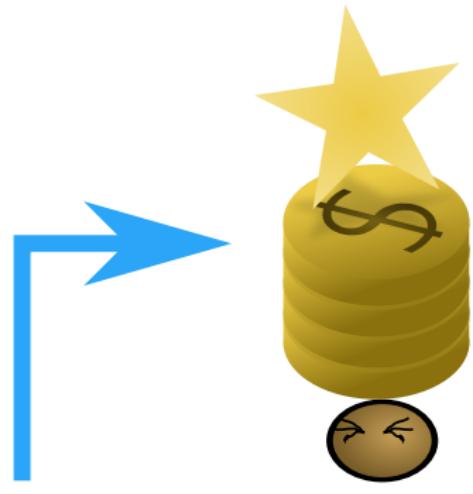
maths



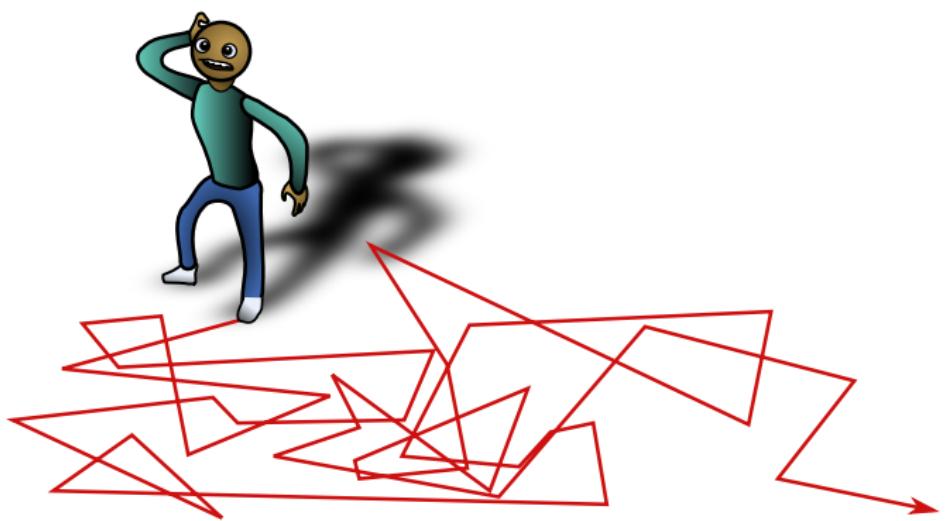
physics



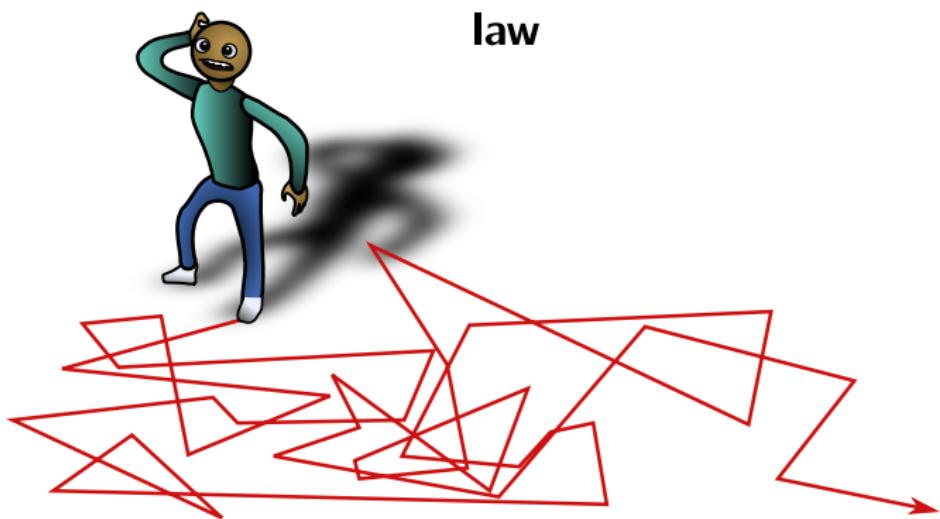
law



**law**

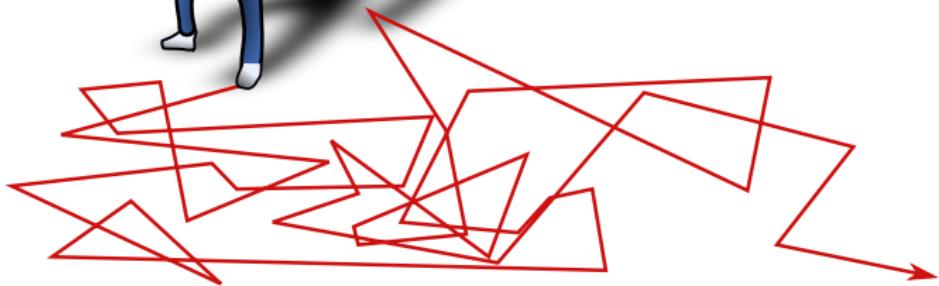


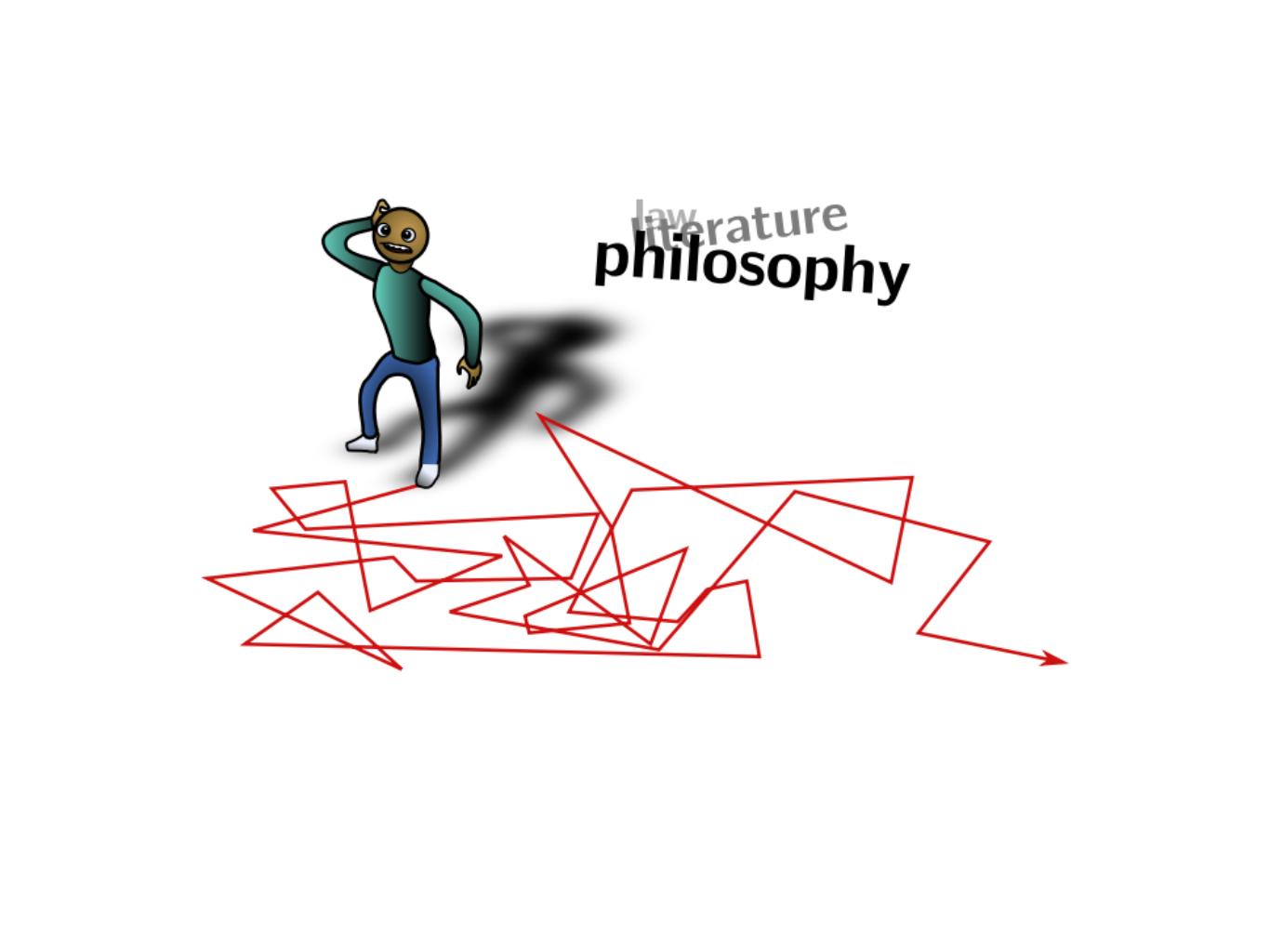
**law**



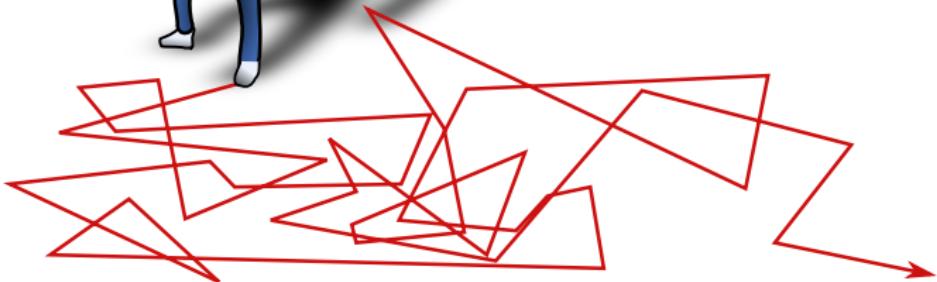


law  
**literature**



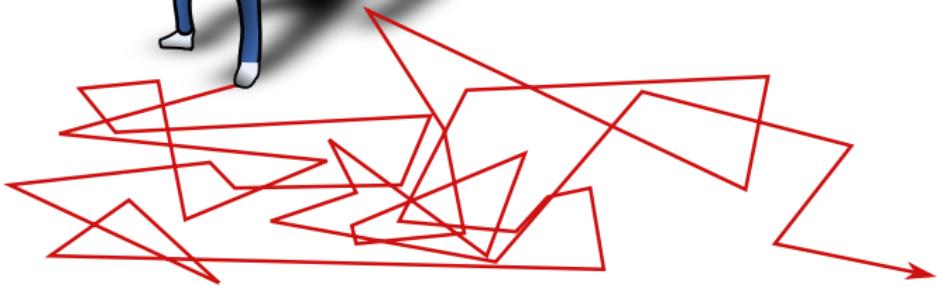
A cartoon illustration of a brown-skinned character with a simple face, wearing a teal long-sleeved shirt and blue pants. The character is standing on the left, looking towards the right with a surprised or weary expression, holding their head with one hand. To the right, a large, dark shadow of a stack of books is cast onto a white surface. The word "philosophy" is written in large, bold, black letters across the top of the shadow. Above "philosophy", the words "law", "literature", and "philosophy" are stacked vertically in a smaller, lighter gray font.

law  
literature  
**philosophy**



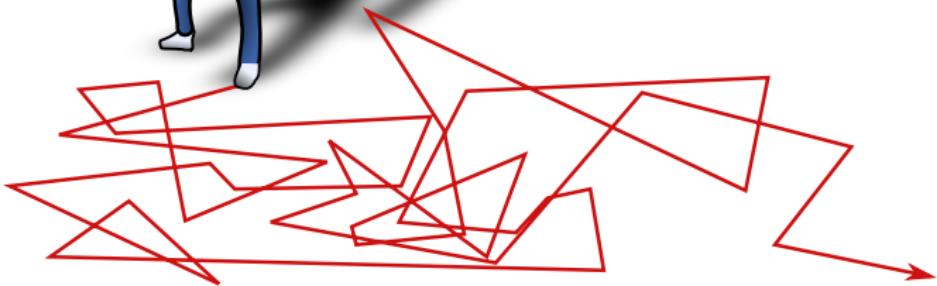


law  
literature  
**philosophy**  
**logic**





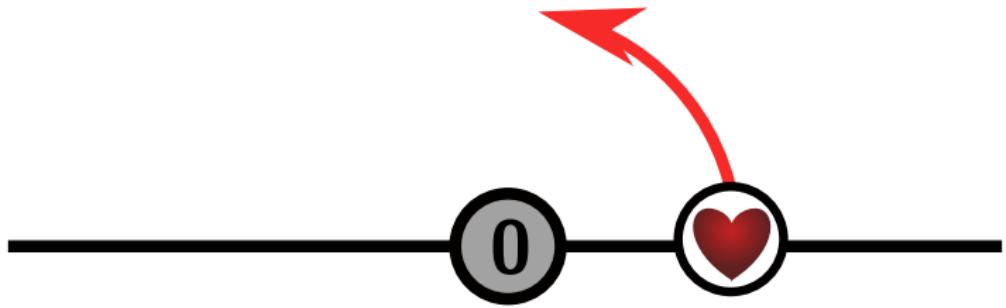
law  
literature  
philosophy  
logic  
**maths**

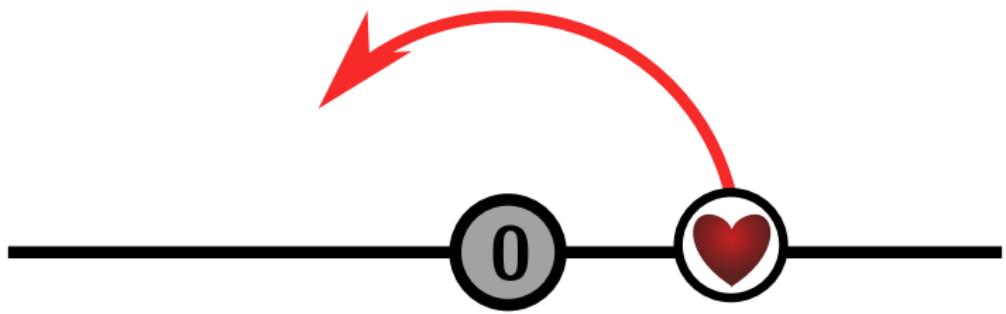


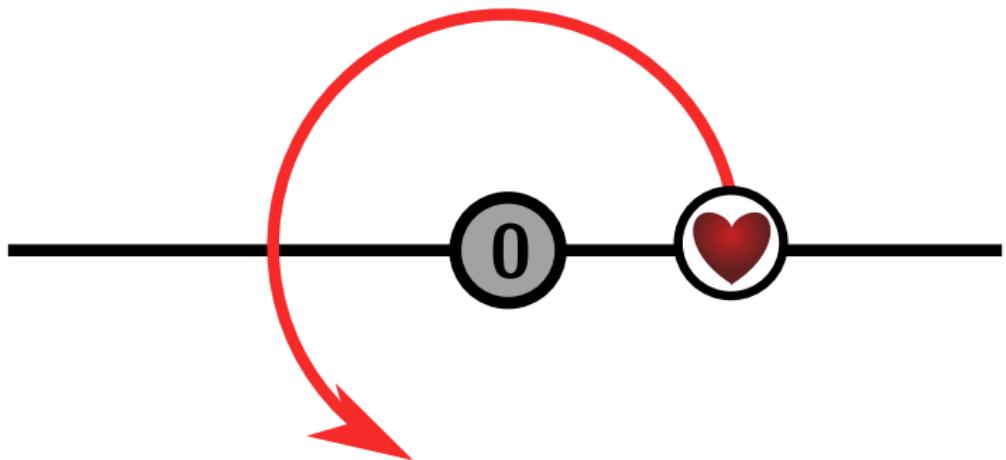


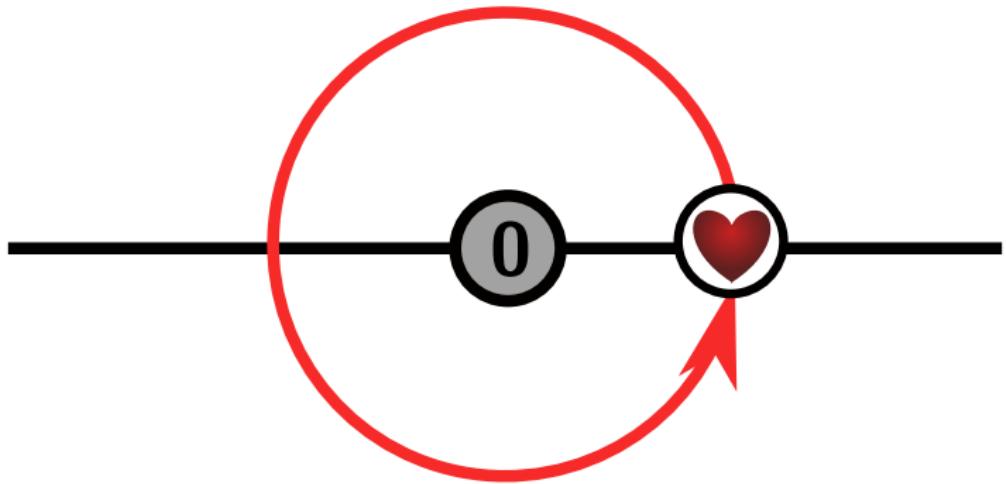
law  
literature  
philosophy  
logic  
**maths**  
**physics**











# III

## A Day in the Life

in



010110010100



out



in



010110010100



out



010110010100

in



010110010100

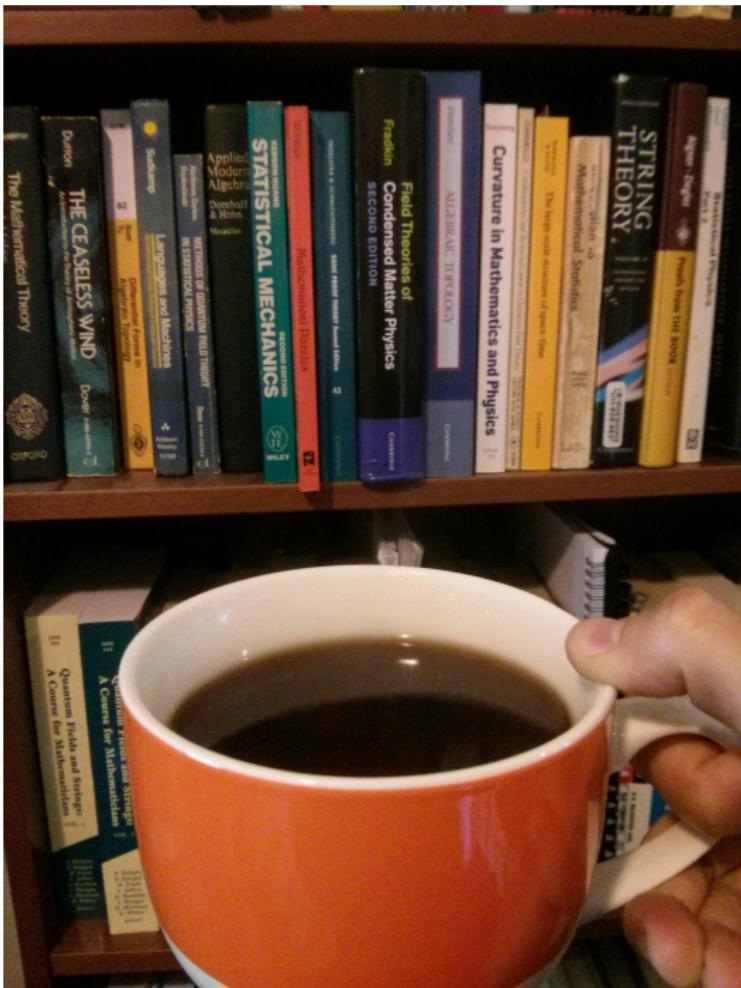


out



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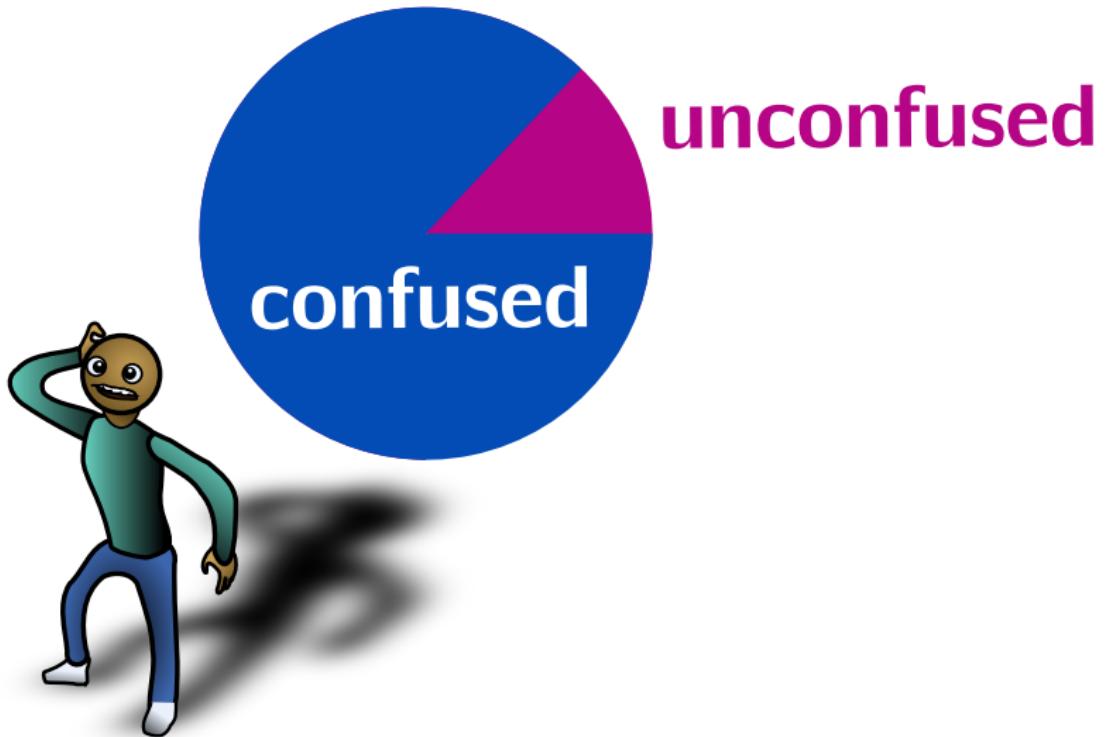
?!







confused



Follow your passion

Follow your passion  
Be curious

Follow your passion  
Be curious  
Embrace the confusion