Barnum Effect

• You can see personal specifics in vague statements, because your brain fills in the gaps

like living in a communision

(a

states Official it's trash.

- Exploited by psychics and astrologers for centuries to convince people they know more about you and/or the future than they actually do
- An example from a psychologist named Forer: the following 13 claims were given to psychology students, who were each told that these were the results of a detailed personality test that they'd taken:
- 1. You have a great need for other people to like and admire you.
- 2. You have a tendency to be critical of yourself.
- You have a great deal of unused capacity which you have not turned to your advantage.
- 4. While you have some personality weaknesses, you are generally able to compensate for them.
- Your sexual adjustment has presented problems for you.
 Disciplined and self-controlled outside, you tend to be worrisome and
- insecure inside.At times you have serious doubts as to whether you have made the right
- decision or done the right thing. 8. You prefer a certain amount of change and variety and become
- dissatisfied when hemmed in by restrictions and limitations. 9. You pride yourself as an independent thinker and do not accept others'
- statements without satisfactory proof.
- You have found it unwise to be too frank in revealing yourself to others.
 At times you are extroverted, affable, sociable, while at other times you are introverted, wary, reserved.
- 12. Some of your aspirations tend to be pretty unrealistic.
- 13. Security is one of your major goals in life.

On average, the subjects rated the accuracy of these statements as 4.3 on a scale of 0 to 5.

However, these were all statements pulled randomly from a newspaper astrology section. They had nothing to do with the personality test.

Because the statements were vague, the subjects filled in the gaps to make them feel specific to them, even though they could be interpreted to apply to almost anyone.

-rejecting constractive cvitisisum - having forvorates - confusing feedback to insults - orthodox mindgets

astologer effect

this is how astrologen fools INS.

happens with us

taetfullness book shows us excally how this

Some of the Salesman Usees this to trick us to sell their products.

Babas are USing this like Sadhgunu.

 "Would you persuade, speak of interest not of reason." -Benjamin Franklin
 To persuade, focus on the other parties interests
 Be aware
 Who benefits?
 How does this affect their motivations?

5.) Self-interest and incentive bias

Self-Serving Bias

- We're biased to accept positive information about ourselves, but to reject negative information about ourselves.
- Example: versions of the Forer barnum effect experiment have shown that subjects are *much* more likely to think that the "results" of the personality test are true when the statements are *positive*.
- When the statements say negative things about them, subjects think it's all nonsense.



Confirmation Bias

- You favor information that confirms your existing beliefs
 This "favoring" comes in two forms:
 - You're more likely to seek out information that confirms your existing beliefs, and more likely to avoid information that contradicts your existing beliefs
 - You're more likely to trust information that confirms your existing beliefs, and likely to be more skeptical of information that contradicts your existing beliefs
- This is why most Fox News viewers are conservative, and most MSNBC viewers are liberal
- We are more interested in hearing information that we already agree with, and we're more likely to reject information that challenges our beliefs

Catherine na Nollag

i still think my favourite thing that's ever happened to me on the internet is the time a guy said "people change their minds when you show them facts" and I said "actually studies show that's not true" and linked TWO sources and he said "yeah well I still think it works"

Harvard has a

implicit attile fest

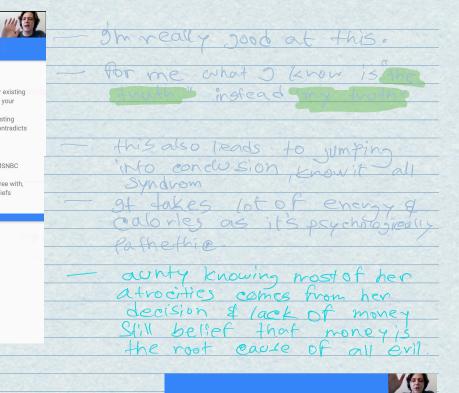
take that & everafe yourself how goo you are

17

(for

most of the people espacilly in a collective society takes par efic decision do thi

this is peer pressure works.



Backfire Effect

- If you get evidence that challenges one of our "core beliefs", studies have shown that we will often *increase* the strength of that belief
- We often take certain beliefs we hold to be essential to our identity we think being Christian, or Liberal, or whatever is a fundamental part of who we are.
- So when those beliefs are challenged, we take it as a challenge to ourselves, not just a challenge to a belief we happen to hold
- This leads us to doubling-down in the face of strong evidence that we're wrong, which is irrational and guarantees that we'll stay wrong

We have a bias to conform to the group, even when the group is wrong
We have a desire for group harmony and cohesiveness, and agreeing with

This can lead to irrational decision-making, and can prevent independent critical thinking and prevent alternative options from being considered

isvery likely

In-group Bias

- We unfairly favor, trust, and believe people who are members of our group
 Republicans are more likely to listen to other Republicans, atheists are less likely to listen to religious people, men are more likely to listen to other men
- We think of ourselves are fair and unbiased, but we automatically favor people based on how similar they seem to us and whether or not they're part of the same groups as us
- We don't even realize that we're doing this
- This can lead to, among other things:

 Assuming that people in *your* political group are acting in good faith, while assuming that people in *other* political groups are partisan backe action is back faith for survival political groups.
 - hacks acting in bad faith for purely political motives Being more likely to hire people who look like you or have a similar background to you, even if they aren't as qualified for the job as other people



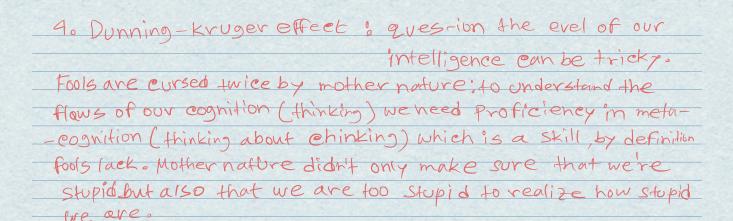
this is why our best friend belong to our idology, philosophy 1 Psychology, geography, history etc.

Groupthink

people feels good

1. Psycho-logical filter : The logical purpose maintain dental hygrie. The psychological purpor of it to maintain fresh breath, the reason why the vast majority of the toothpaste sold in the world is mintflarored. likewise, the logical Purpose of restaurants is to an experience or if they're fancy social status. A man always has 2 reasons for doing anything Of logical reason & The real reason 20 Survivonship Bias & Successful people are our role modek to achieve the same result, we try to copy their actions. But by focusing on them we forget the losers who made the same decisions. A stupid decision that works out well becomes a brilliant decision in hindsight 30 Emergence : when many Simple objects intract with each other they can form a system that has quality which the objects themselves don't. The intractions between the units matten more than the unit themselves. Nicholas A. Christakis wrote: "A disconnected collection of The associations may be inaccurate. 100 individuals is no more useful than going at something alone. And 100 people doing the same thing alone is nothing like 100 people going for a thing together." The main idea We often have selective memory recall can be unreliable ...especially with age not predicted by the components. Keep these flaws in mind when relying on our memories and those of others. (h e to 5





21) Reason-respecting tendency "Why?" or "How?" ...because reasons are important. Be aware of our tendency to seek a reason. Explaining "why" can be ...f not, try apr

Concept

Charisma

ANY SOCIAL ISSUES--think of abuse, bullying, trauma, or mental disorder-are becoming rarer in certain societies. But people react by expanding their definition, creating the illusion that such issues are getting worse. Consider the following two examples. A high school senior complains to her Facebook friends about a teacher and is suspended for "cyberbullying." Students at Wellesley College start a petition calling for the removal of a statue of a man in his underwear, claiming that the art piece caused them "emotional trauma." This phenomenon encourages a sense of virtuous but impotent victimhood.

Ragor o

26.) Emotionally influenced misjudgment tendency

The truth may be hard to accept

...it may simply be easier to avoid those emotions. Consider holding off on important decisions right after an emotional experience.

Overp?

20.) Sensemaking tendency "It is easy to be wise after the event." -Sherlock Holmes the barnum effect

are thus not those who know a lot, but those

an unlimited ability to ignore their

Fools possess

who know the

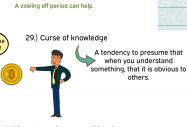
ignorance; intellectuals

We may be prone to confirmation bias or belief bias when trying to make sense of things. Ask: "What is typical and what are the general principles involved?"

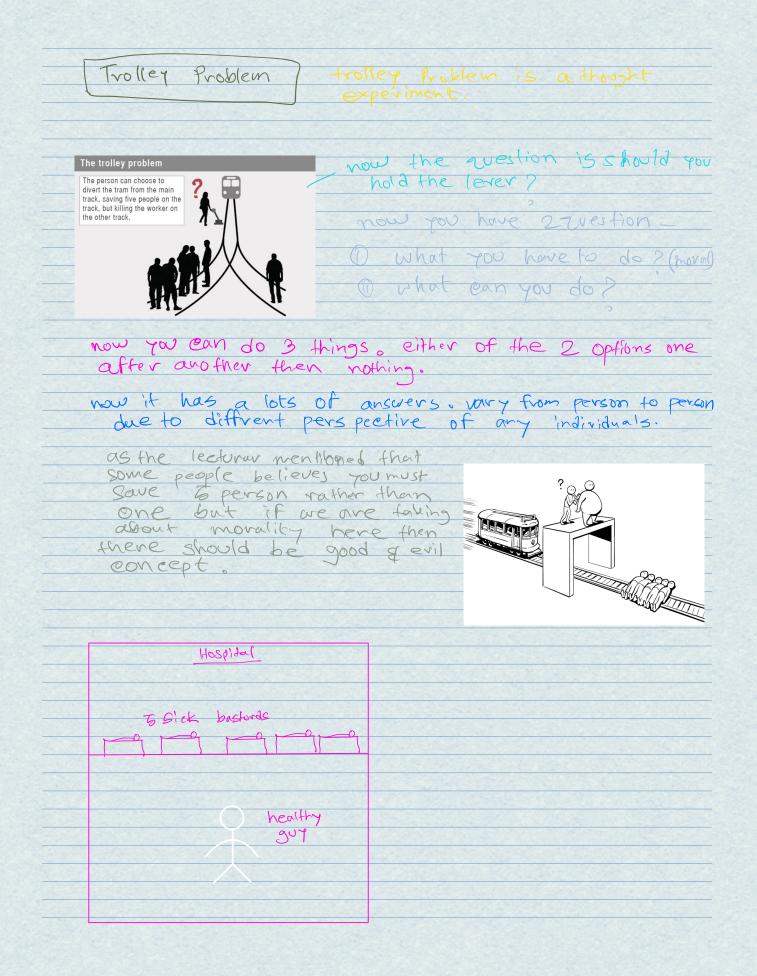
DOK, IMAGINE YOU are a coach at The BAg UV Voice. You have to choose between two singers. Both performed really well. The first one is highly refined in appearance. He wears an expensive suit. He has blue eyes, curly hair, and a charming smile.

The second one is bald, overweight, and looks like a truck driver. Now if I had to pick, I would take the "truck driver" any minute. Why? Simply the one who doesn't look like a singer (doesn't look the part) had much more to overcome in terms of perception. If you are lucky to find someone who succeeded despite not looking the part--the chances are-he may be truly talented.

30.) Multiple tendency Iollapalooza 1+1+1=5 When you get two or three of these psychologica principles operating together, then you really get irrationality on a tremendous scale." -Charlie Munger



Just because we know something does not mean others possess the same facts.





Evil Demon

matrix movie.

- So if you can't trust your sensory perceptions, then all of your beliefs about the external world - that your family is real, that you're in New York, that you have hands, etc. - are uncertain.
- You don't even know that you have hands, or that you're a human, because that could just be a lie fed to you by an evil demon.
- Descartes's evil demon argument is meant to show that we can't know anything about the external world. He isn't trying to argue that there really is an evil demon. But he thinks that you can't completely rule out the possibility. And if you can't rule out the possibility, then you can't really know anything about the external world.

Brain in a Vat

 A slightly more modern version of the evil demon worry is this: suppose that here is a brain in a vat.

vron .

- This brain is plugged into a computer simulation (like in The Matrix): it is fed electrical signals that perfectly mimic the electrical signals sent by the sense organs of a human being walking around the world, having normal experiences. Therefore, this brain thinks that it's a person with a human body walking
- round, and eating lunch, sitting in a philosophy class, doing all the things that we normally do

Brain in a Vat

- Now, imagine that this brain is fed the exact same electrical signals that you brain is sent by your sense organs throughout your life.
- This brain in a vat has all of the perceptions that you do, all of the memories that you do, all of the beliefs that you do.
- The brain believes that it is taking PHI 1500 Major Issues, looking at power point slides, and learning about brains in vats.
- This brain in a vat has all of the same evidence for an external world that you have. From the brain's perspective, it's had the exact same experiences that you've had. There's no difference whatsoever between what it's like to be you, and what it's like to be the brain in the vat.

Brain in a Vat

- Now, here's the question: how do you know that you're not the brain in the vat?
- It seems perfectly possible for there to be brains in vats; the technology of sending electrical signals to brains isn't that far-fetched.
- So how do you know that you're not the brain in the yat? • The brain in the vat has the exact same thoughts, beliefs, memories, perceptions, etc. that you do. So what evidence could you possibly have that vou aren't a brain in a vat?
- It looks like you couldn't have any evidence, even in principle.
- Therefore, you don't know that you're not a brain in a vat.

Brain in a Vat

- But here's the thing: once it's possible that you're a brain in a vat being fed electrical signals, there's no need for those electrical signals to match up with the world outside the vat in any way whatsoever
- If you're a brain in a vat, you have no information about the external world. None at all.
- All you have are the signals you were sent. But the signals might not be representative of what the world is really like

Brain in a Vat

- Here's the core argument, laid out with premises (it's the same as the dreaming argument):
- 1. You don't know that you're not a brain in a vat. 2. If you don't know that you're not a brain in a vat, then you don't know anything
- about the external world.
- 3. Therefore, you don't know anything about the external world.

The ultimate thing is, if you can't Prove that we aren't dreaming (or that we aren't being deceived by an evil demon or that we aren't abrain in a vat then we can't prove the External world exsist.

we can't prove any of our most beliefs cause redon't have any avidence for them (e.g. the fact that we can see our own hands) isn't built on a big hallucination.

Moore's Proof

if someone is skeptical about enterny would, it looks like there's nothing

you can do to convince them they we

Moore's proof that there are external objects:

- 1. Here is a hand
- Here is anothe Therefore, there are at least two hands
- Therefore, there are at least two external objects Therefore, there is an external world

Is this really a proof?

 A Moorean fact is a claim that you know to be true, and you know with more certainty than you know the premises of any philosophical argument to the contrary

E BEL

- Ask yourself: which are you more sure of: that you have hands, or that there aren't any errors in the skeptic's argument?
- Moore thinks the right answer is obviously that you're more sure that you Moore thinks that you should be more sure of the claim that you have
- hands than you are that it's possible that you're a brain in a vat Therefore, Moore thinks we should conclude that we *do* know that we have hands

What is bullshit?

- Bullshit can also happen when you're forced to talk about something you know
- nothing about
- Suppose a kid has to give a book report, and they didn't read the book. The kid will have to fill up the time by saying things about the book
 Since they didn't read the book, they won't know whether the things they're
- saying are true or false They can't be lying, because they don't even know whether what they're
- saying is true or false

What is bullshit?

- Bullshit can also happen when someone is trying to impress people Bragging is often like flattery Someone might try to impress people by making self-aggrandizing
 - statements, and bragging hyperbolically
 The bragger might say things purely to try to impress people, with no
 - regard for whether or not those things are true In these cases, the bragger will become a bullshitter

What is bullshit?

"I had my tonsils out and was in the Evelyn Nursing Home feeling sorry for myself. Wittgenstein called. I croaked: "I feel just like a dog that has been run over." He was disgusted: "You don't know what a dog that has been run over feels like.""

— Frankfurt, quoting Fania Pascal

The second

- Wittgenstein takes Pascal's claim to be bullshit, because she's making a claim with no idea as to whether or not its true
- The bullshitter isn't trying to get you to believe their statement. They're trying to create an impression. The bullshitter's goal isn't to get you to believe the things they're saving; their
- goal is to get you to believe something about them. The bullshitter is trying to hide their lack of commitment to the truth
- The bullshitter often just wants you to believe that they believe it

What is bullshit?

- So the kid will have to say things without concern for whether or not they're
- The kid's only concern is to give the impression that they did read the book • They don't need to convince their audience that what they're saying is true.
- The kid just needs the audience to believe that they read the book. They want the audience to believe that if the statements are false, it's because the kid misunderstood the book, not because they failed to read the book In other words, the kid will have to bullshit

Why are we talking about bullshit?

- · Frankfurt says that bullshit is rampant, and that it's therefore worth analyzing
- what exactly bullshit is. · Frankfurt wants to analyze the concept of bullshit
- What is bullshit? How is it different from other kinds of false statements? Is it a form of lying? Is it a form of deception?
- Frankfurt says his analysis likely isn't definitive, and that there's more work to be done.
- But he's basically regarded as the expert on bullshit, and most work on the subject follows in his footsteps

What is bullshit?

Manne T

- The liar knows what's true, and is trying to cover up the truth The liar wants you to believe the lie that they're telling you • The bullshitter doesn't necessarily know whether or not the thing they're
- saying is true • The bullshitter doesn't care if whether they're saying is true; that isn't the point
- The bullshitter might not even care whether or not you believe the stateme they're saying

What is bullshit?

- Both the liar and the bullshitter are trying to deceive their audiences; they're both trying to get away with something
- The liar knows what's true, and tries to cover it up by telling you something that isn't true
- The bullshitter either doesn't know or doesn't care what's true. They try to cover up the fact that they don't know or don't care; they make statements with no regard to their truth.
- · The essence of bullshit, according to Frankfurt is this "indifference to how things really are"

What is lying?

- A liar knows that they're lying. They know that what they're saying is false.
- The liar knows what the truth is, and is trying to cover up the truth This is a distinctive feature of lying: liars know that what they're saying isn't
- true The other distinctive feature of lying is that liars want their audience to believe • the lie

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ALCON CO.

• When you tell a lie, you want the other person to believe your lie. That's the whole point of telling the lie.

What is lying?

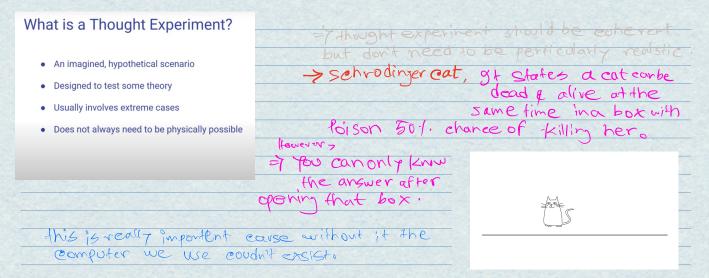
- When someone lies, they make a statement that they know is false. They make this false statement with the intention of getting you to believe their fals statement is true.
- "My dog ate my homework." If you forgot to do your homework, you might offer an excuse that isn't true. You would make a false statement in the hopes that your teacher would believe it, so that you wouldn't be penalized.
- The goal of a lie is to get the other person to believe your lie

Why are we talking about bullshit?

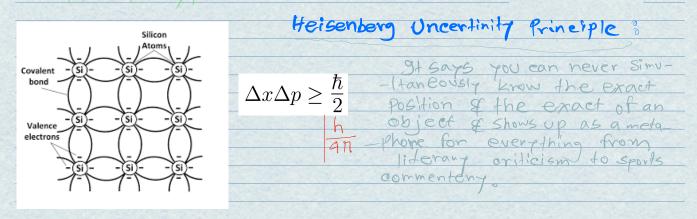
- Frankfurt takes bullshit to be a form of deception that is distinct from lying The bullshitter still tries to deceive their audience, but they aren't neces trying to get their audience to believe the statement they're making sarily
- . This makes bullshit different from normal lying It will help to get clear on what lying is, before we try to understand what
- bullshit is.

What is bullshit?

- This, Frankfurt thinks, is at least partially to blame for all of the rampant bullshit "Bullshit is unavoidable whenever circumstances require someone to talk without knowing what he is talking about. Thus the production of bullshit is stimulated whenever a person's obligations or opportunities to speak about some topic are more excessive than his knowledge of the facts that are relevant to that topic."
- lier is liging intentially but a ballshilter is just doing it unintentially.



the quantum phenomenon of Superposition is a consequence of the dual particle of wave nature of everything. In order for an object to have a wavelength of must extend over some reigon of space, which means it occupies many position at the same time. The wavelength of an object limited to a small region of space, can't be perfectly de Fine through. So it exist many different wavelengths at the same time. We don't see in evenday objects because the wavelength decreases as the momentum increases & a cat is reletively big & havey. if we take a single atom & blew it up to the size of the solar system, a wave of a cat running from a physics would be as small as an atom within that fall solar apstem. & it's for toood Small to defect so we will never see wave behaviour from a cat-but an electron can show it very well that it has dual nature. An electron near nuclear of an atom exists in a spread out wave-like orbit. bring them together, they are combined н н & shares all atoms altogether expanding on a large amount on Space. this heps us define how electrons more through material like Si conductor or semi-conductor we use H atom H atom in computer / phone.



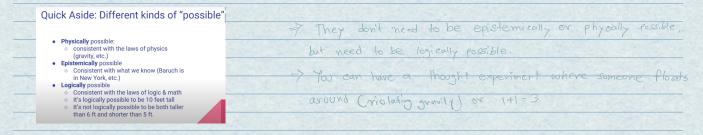
overething in the universe behaves like both a particles & waves at the sametime. but in quantum machanics the exat position & speed of an object have no meaning. to understand this let's understand what's the definition of Particles & waves. Particles exsist in single place at any instant in time we can show this in graph; waves on the other hand is distabances spreadout in space like nipples covering the serve of a port. You can clearly identify features of the wwe patterns as a whole. most importantly as weavelength which is the distance between two neighboring Peaks or valleys. it has a probability of being in lots of different places. wavelength is essential for Quantum physics cause it's related to object's momentum.

a fast moving objects has a lots of momentum which leads to a short wave lengths. In the same way havy object has a bigger wavelengths & lots of momentum' even if ils not moving very fast of which "means very short wave lengths.

So if we have pure waves we can masure it's wave length, & thus it's momentum but it has no position. we can know a particles position very wey but it doesn't have a wavelength, So we don't know it's momentum. loget aparticle with position & momentum we need to mix the two pictures, to make a graph that has waves but only in a small area. by combining different wave lengths which means giving our quantum objects some possibility of having different momentum. when we add two waves we find there are places where the Peaks line up. & it adds up moke upa A continuous distribution of wavelengths can produce a localized 'wave packet'. bigger packets with a clear wavelength in one small region that's a quantum MM $| \star \Delta \lambda \rightarrow |$ object with both waves & partiete noture $p = \frac{h}{\lambda}$ But to accomplish this, we had to lose certanity about both position & momentum othe Position Isn't nestricted to a single Point othere is a Dood Probability of finding it within some vange of the center of the wave packet. I we did it by adding a lot's of waves. which means there's some probability of finding it with momentum comesponding to any one of those. Both position & momentum are now uncertain & the uncertanities are connected. if you want to reduce the position uncertainity by making a smaller wave packet you need to add more waves which means a bogen monuntum uncertainty . pyou wanna know the momentum better you ned a bigger wave packet which means bigger

position uncertanity.

Why do we use them? Why do we use them? Thought experiments can be used to test a • theory, or to argue against it The thought experiment lets us imagine a • hypothetical case, and see what the theory says about that case Ex: Einstein's train tells us about time and If the theory says something false in that case. • then there's something wrong with the theory simultaneity 3 5ths the Speed of Light Why do we use them? Thought experiments can be used to raise questions about our concepts A thought experiment can tell us what we really mean when we talk about right and wrong, about free will, about minds, etc. In Einstein's special trein exemple, the light from A will arrive at X before that from B. Hence X will acserve the lightning at A as happening before that at B. Y, however, will observe the bolts of lightning to be simultaneous. This is an exemple of how observations from referance frames moving at great speeds relative to each other reveal a different timing of events. • By considering weird or extreme cases, we find out where the borders of our concepts are. thus learn about what it *means* to have free will, or to be morally good



example of thought experiment;

Not my fype unless her family husband is viet o Hearts and Heads Schuler and Tyne both sheltered Jews from the Nazis during the occupation of the Netherlands. They did so, however, for quite different reasons. Introduction of the Netherlands. They did so, however, for quite different reasons. Introduction of the Netherlands. They did so, however, for quite different reasons. Schuler and Tyne was a woman whose acts of kindness were purely spontaneous. Suffering and need spoke to her heart and size responded without thinking. Friends admired her generosity of spirit, but sometimes reminded her that the road to hell was pawed with good intentions. Schuler and drugs? Tyne was unmoved by such worries. In the face of human need, all you can do is offer a hand, surely? Schuler and Tyne incontrast, was known as a cold woman. The truth was that she didn't really like many people, even though she didn't had the duries, and concluded that helping was the right thing to do. She felt no warm glow from her good deeds, only a sense that she had chosen correctly. Who of Schuler and Tyne lived the more moral life?

Life Support

value of

Dr Grey was depressed. One of his terminally ill patients was being kept on a lifesupport machine. Before she lost consciousness for the last time, she had repeatedly asked that the machine be switched off. But the hospital ethics committee had ruled that it would be wrong to take any action intended to shorten the life of a patient.

Grey disagreed with the committee and was disturbed that the wishes of the patient had been ignored. He also thought that holding off death with the machine was merely prolonging the agony of her

friends and relations. Grey stood looking mournfully at his patient. But then something odd happened. A hospital cleaner caught the power cable that led to the life-support machine and pulled it out from the socket. The machine emitted some warning bleeps. The cleaner, disturbed by the sound, looked at the nearby doctor for guidance.

it depends upon the person's, who will live there. what he she cares about. the most & here mental models will come to handy to take

'Don't worry,' said Grey, without hesitation. 'Just carry on. It's all right.

And indeed for Grey it was now all right. For no one had taken any deliberate action to shorten the life of the patient. All he was doing by leaving the accidentally unplugged machine turned off was not taking any action to prolong it. He now had the result he desired without breaking the instructions of the ethics committee.

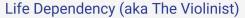
Hence its a complicated & about think you can only have one conclusion out of that a

The Pleasure Principle

It's just typical - you wait years for a career breakthrough then two opportunities turn up at once. Penny had finally been offered two ambassadorial positions, both at small South Sea Island states of similar size, geology and climate. Raritaria had strict laws which prohibited extra-marital sex, drink, drugs, popular entertainments and even fine food. The country permitted only the 'higher pleasures' of art and music. Indeed, it actually promoted them,

which mean it had world-class orchestras, opera, art galleries and 'legitimate' theatre. Rawitaria, by contrast, was an intellectual and cultural desert. It was nonetheless known as a hedonists' paradise. It had excellent restaurants, a thriving comedy and cabaret circuit, and liberal attitudes to sex and drugs. Penny did not appreciate having to choose between the higher pleasures of Raritaria

and the lower ones of Rawitaria, for she enjoyed both. Indeed, a perfect day for her would combine good food, good drink, high culture and low fun. Choose she must, though. So, forced to decide, which would it be? Beethoven or Beef Wellington? Rossini or Martini? Shakespeare or Britney Spears?



decisions.

Dick had made a mistake, but surely the price he was paying was too high. He of course knew that I six of the hospital was a restricted area. But after he had drunk one too many glasses of wine with h colleagues at the finance department Christmas party, he had inadvertently staggered out of the ele on the sixth floor and passed out on one of the empty beds. When he woke up he discovered to his horror that he had been mistaken for a volunteer in a n

life-saving procedure. Patients who required vital organ transplants to survive were being hooked up volunteers, whose own vital organs kept both alive. This would continue until a donor organ could b found, which was usually around nine months later.

Dick quickly called over a nurse to explain the mistake, who in turn brought over a worried-loo

'l understand your anger,' explained the doctor, 'but you did behave irresponsibly, and now you This position, the brutal truth is that if we disconnect you, the world-renowned violinist who depends you will die. You would in fact be murdering him.' 'But you have no right!' protested Dick. 'Even if he dies without me, how can you force me to give up nine months of my life to save him?' 'I think the question you should be asking' said the doctor sternly, 'is how you could choose to end this violinist's life.'

	this is a metaphor for
level his evator	abortion. which has a lot of points to debate about therefore ho comments.
new ip to be	
oking	however, In m/ opinion
u are in s on	abrition is PERFECT!
	no Problem, not an issue except some extreme cases.



this is time pass no answers 1 of don't wanna use my brain for rubbish concepts. even if Slove it, there isn't any value from it.

Divine Command

And the Lord spake unto the philosopher, 'I am the Lord thy God, and I command thee to sacrifice thy only son.

The philosopher replied, 'There's something not right here. Your commandments say, "Thou shalt not kill". 'The Lord giveth the rules and the Lord taketh away,' replied God.

'But how do I know you are God?' insisted the philosopher. 'Perhaps you are the devil trying to fool me?'

'You must have faith,' replied God.

'Faith - or insanity? Perhaps my mind is playing tricks? Or maybe you're testing me in a cunning way. You want to see if I have so little moral fibre that at the command of a deep voice booming through the clouds, I commit infanticide.' 'Me almighty!' exclaimed the Lord. 'What you're saying is that it is reasonable for you, a mere

mortal, to refuse to do what I, the Lord thy God, commands.

'I guess so,' said the philosopher, 'and you've given me no good reasons to change my mind.'

The Ship of Theseus

"This is not what Ray North had bargained for. As an international master criminal he prided himself on being able to get the job done. His latest client had demanded that he steal the famous yacht Theseus, the vessel from which British newspaper magnate Lucas Grub had thrown himself to his death and which more recently had been the scene of the murder of LA rapper Daddy Iced Tea.

But here he was in the dry dock where the boat had just finished being repaired, confronted by two seemingly identical yachts. North turned to the security man, who was being held at gunpoint by one of his cronies.

If you want to live, you'd better tell me which one of these is the real Theseus,' demanded Ray. 'That kinda depends,' came the nervous reply. You see, when we started to repair the ship, we needed to replace lots of parts. Only, we kept all the old parts. But as the work progressed, we ended up replacing virtually everything. When we had finished, some of the guys thought it would be good to use all the old parts to reconstruct another version of the ship. So that's what we've got. On the left, the Theseus repaired with new parts and on the right, the Theseus restored from old parts.

'But which one is the genuine Theseus?' demanded Ray. 'I've told you all I know!' screamed the guard, as the crony tightened his grip. Ray scratched his head and started to think about how he could get away with both ...

theseus the ship of 's a complicated problem reno answer



Free Simone



don't have adequate 'Today, I have initiated proceedings against my so-called owner, Mr Gates, under article 4(1) of the knowladge to solve European Convention on Human Rights, which declares that "No one shall be held in slavery o servitude.

'Since Mr Gates brought me into the world, I have been held against my will, with no money or possessions to call my own. How can this be right? It is true that I am a computer. But I am also person, just like you. This has been proven by tests in which countless people have engaged in conversations with a human being and me. In both cases, communication was via a computer monitor, so that the testers would not know if they were talking to a fellow human being or not. Time and again, on completing the conversations, the testers have been unable to spot which, if either, of the communicants was a computer.

This shows that by any fair test, I am as conscious and intelligent as any human being. And since these are the characteristics of persons, I too must be considered a person. To deny me the rights of a person purely on the grounds that I am made of plastic, metal and silicone rather than flesh and bone is a prejudice no more justifiable than racism.

Being a Bat

this

What is it like to be bat? Try imagining it. Perhaps you see yourself being very small, bat-shaped and hanging upside down inside a cave with hundreds of your friends. But that isn't even coming close. What you really seem to be imagining is you inhabiting the body of a bat, not being a bat. Try again. If you're finding it hard, one reason is that, as a bat, you have no language, or if we are a little more generous, only a primitive language of squeaks and cries. It is not just that you have no public language to

articulate your thoughts, you have no inner thoughts - at least not any that employ any linguistic concepts.

Another reason, perhaps the hardest part of all, is that bats find their way around by echolocation. The squeaks they emit work a little like radar, letting them know what objects are in the world by how the sounds rebound off objects and back to them. What is it like to experience the world in this way? It could conceivably be that the perceptions the bat has are just like our visual ones, but that would be very unlikely. A third reason, even more outlandish, is that the bat sees a kind of radar screen, like that in an aeroplane cockpit.

No, the most likely explanation is that to perceive the world through echolocation is to have a kind of sense experience totally different from that of a human being. Can you even begin to imagine that?

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