

**Getting familiar with . . . evidence**

**A. To the best of your ability, provide two pieces of evidence for each of the following claims, regardless of whether you think they are true (some of them aren't). Search the internet if you need to. If you cannot find any particular evidence, try to make it up. Identify whether the evidence you find is direct or indirect (and for whom).**

1. <The Sun's distance from the Earth is about 92,960,000 miles.>
2. <Rust on metal is caused by a substance that is trapped in the metal and released with moisture.>
3. <Your calculator is right that  $2 + 2 = 4$ .>
4. <There is E. coli in your intestines.>
5. <Men have never walked on the moon.>
6. <Jack the Ripper was likely a surgeon.>
7. <The words on this page are black.>
8. <There is not an elephant sitting next to you.>
9. <The atomic mass of a hydrogen-1 atom is smaller than the atomic mass of a carbon-12 atom.>
10. <The information in the previous question came from Wikipedia.>
11. <The world has a large amount of suffering.>
12. <Your calculator is a reliable source of evidence about basic arithmetic calculations.>
13. <Your calculation is not a reliable source of evidence about the authorship of ancient texts.>
14. <Wikipedia is a more reliable source of evidence about history than your history textbook.>
15. <You are older than all your siblings.>

**A bit more difficult:**

16. <An all-knowing, all-powerful, all-good god exists.>
17. <O. J. Simpson killed two people.>
18. <Bread will nourish you the next time you eat it.>
19. <Humans and chimpanzees evolved from a common ancestor.>
20. <There are no words on this page.>

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**B. Identify each of the following as either a sense experience or an emotional experience (or as a combination or as a different sort of experience altogether).**

1. seeing red
2. feeling sad
3. feeling something sharp
4. feeling hot
5. touching something soft
6. smelling something burnt
7. tasting something sweet
8. feeling bitterness
9. hearing something hurtful
10. hearing a loud clanging

### **A bit more difficult: (explain your responses)**

11. smelling something that reminds you of being a child
12. remembering feeling sad
13. feeling the location of your hand without moving it
14. recognizing that you don't believe in Santa Claus
15. understanding that three plus five is eight
16. feeling the temperature drop
17. feeling that it is about to rain
18. tasting your favorite food
19. thinking about your (long deceased) childhood pet
20. imagining a character in a novel