



1. **abstract**

a summary of a longer piece of writing, or an idea that is not concrete and is based on general concepts



2. **acknowledge**

to accept that something is true or exists, or to show appreciation or recognition

3. **acquire**

to get or gain something, often through learning or experience



4. **aggregate**

a total amount or value made up of smaller parts added together



5. **alternative**

a different choice or option that can be used instead of something else



6. analyze

to carefully study something in order to understand it better



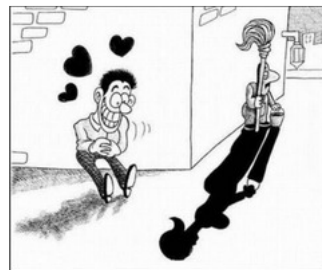
7. assessment

the act of evaluating or judging the quality, importance, or value of something



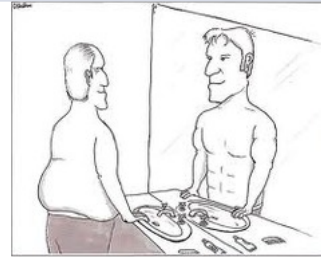
8. assumption

a belief or idea that you accept as true without proof or evidence



9. bias

a preference or opinion that unfairly affects a person's judgment or decision-making



10. **comprehensive** including all or almost all the necessary details or parts of something



11. **contradict** to say the opposite of what someone else has said, or to show that a statement is not true



12. **criteria** a set of rules or standards that are used to judge or make decisions about something



13. **deduce** to reach a conclusion or decision based on available information or reasoning



14. demonstrate

to show or prove something clearly by giving evidence or examples



15. empirical

based on actual experience or observation, rather than on theory or logic



16. hypothesis

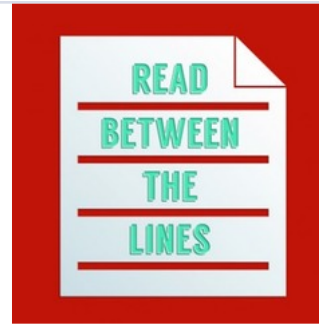
an idea or explanation that is based on limited information and needs to be tested or investigated



"I've narrowed it to two hypotheses:
it grew or we shrunk."

17. implication

a possible effect or result of something, often not clearly stated or considered



18. **justify**

to provide a good reason or explanation for something, or to show that it is right or reasonable



19. **manipulate**

to control or influence something or someone in a skillful way, often for personal gain



20. **objective**

based on facts and not influenced by personal feelings or opinions



21. **phenomenon**

a fact or event that is unusual, interesting, or difficult to understand or explain



22. **precede**



to come or happen before something else in time, order, or importance



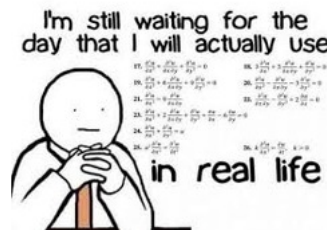
23. **rationale**

the underlying reason or explanation for a decision, belief, or action



24. **relevant**

closely connected or appropriate to the matter being considered or discussed



25. **scope**

the range of things that a subject, activity, or situation includes or deals with



26. **subjective**

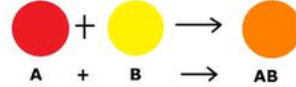
based on personal feelings, opinions, or experiences, rather than on facts or evidence



27. **synthesis**



the process of combining different ideas, pieces of information, or elements to form a new and complete whole



28. **validity**

the quality of being logically or factually sound, or the extent to which something is true and can be believed



29. **variable**

something that can change or be different in different situations

$$5 \times b = 10$$

b is a variable worth 2

30. **verify**

to check or prove that something is true, accurate, or correct

