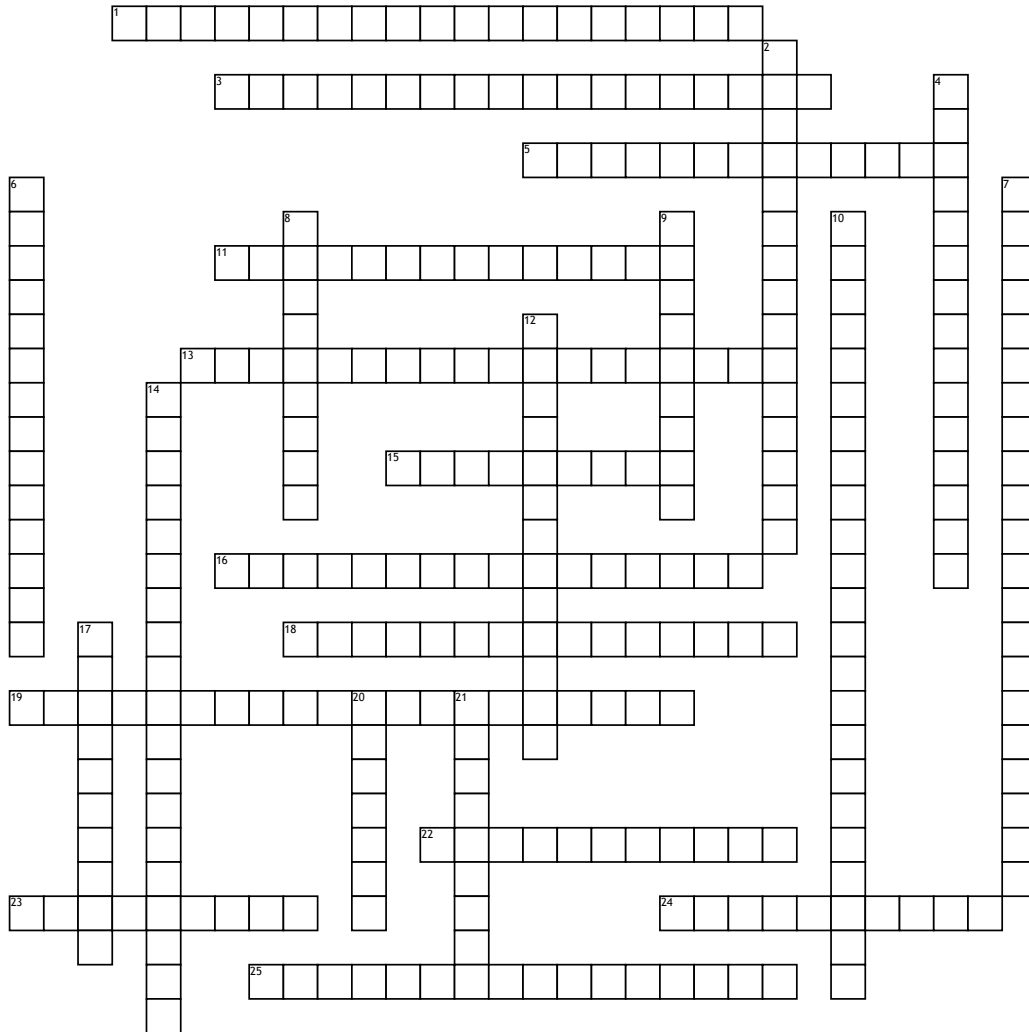


# Thinking and Problem Solving



**Across**

- 1. lawn mowers and grass. sole purpose to cutting grass
- 3. you know if you clean your room, you will be rewarded so you clean your room
- 5. have a test and are unsure about results. gets test back as passes, rejoice by saying "I knew I would pass that test!"
- 11. brag that you never miss a basket in your basketball games. On game day, coach puts you in and you miss every shot
- 13. believe coronavirus is fake but scientists said its real. you still believe its fake
- 15. older people less likely to use new age slang or technology
- 16. need to study for 7 hours in the week. too accomplish goal, you study for 1 hour each day
- 18. buy a \$10 pizza, only eat a few slices, you feel obligated to finish it since you spent \$10 on the pizza

- 19. All cars have wheels. You drive a car. Your car has wheels.
- 22. a science experiment, try first plan and doesn't work, so comes up with another plan
- 23. life is like a box of chocolates, you never know what you're gonna get
- 24. eagle is a types of bird, but a penguin is not a bird
- 25. when you debate with someone, you only research the sites that uphold your beliefs

**Down**

- 2. in the store there is a limit on toilet paper- "2 per person" so you get more than 2 but if no sign, you would get a reasonable amount of tissue
- 4. cant reach the top shelf? use a chair
- 6. flip a coin 5 times and get heads every time so you assume the next flip will be tails
- 7. the news shows a lot of people losing their job so you think you may lose your job as well

- 8. in a math test, solving a problem and has 3 mins left of the test. uses mental shortcut to finish but doesn't know if it'll work or not
- 9. in math, you see a problem you've done before, so approaches the problem the same way
- 10. you are a very musical person so people assume you will be a singer
- 12. have a test coming up and cant decide how you want to study-flashcards, notes, audio or making connections
- 14. asked what you want for a snack he thinks of chips and automatically pairs with salsa
- 17. in a debate, you agree with the people who have the same beliefs as you
- 20. think of green vegetable, thinks of broccoli, kale and celery
- 21. science experiment, first time didn't work so repeats same process over and over until it works

**Word Bank**

- |                        |                      |                          |                     |                      |
|------------------------|----------------------|--------------------------|---------------------|----------------------|
| functional fixedness   | inductive reasoning  | representative heuristic | gambler fallacy     | Sylogistic Reasoning |
| overconfidence         | trial & error        | prototypes               | algorithm           | concept              |
| availability heuristic | association networks | confirmation bias        | deductive           | metacognition        |
| Hindsight Bias         | heuristic            | insight learning         | belief perseverance | analogies            |
| anchoring effect       | sunk cost fallacy    | means-end analysis       | belief bias         | mental set           |