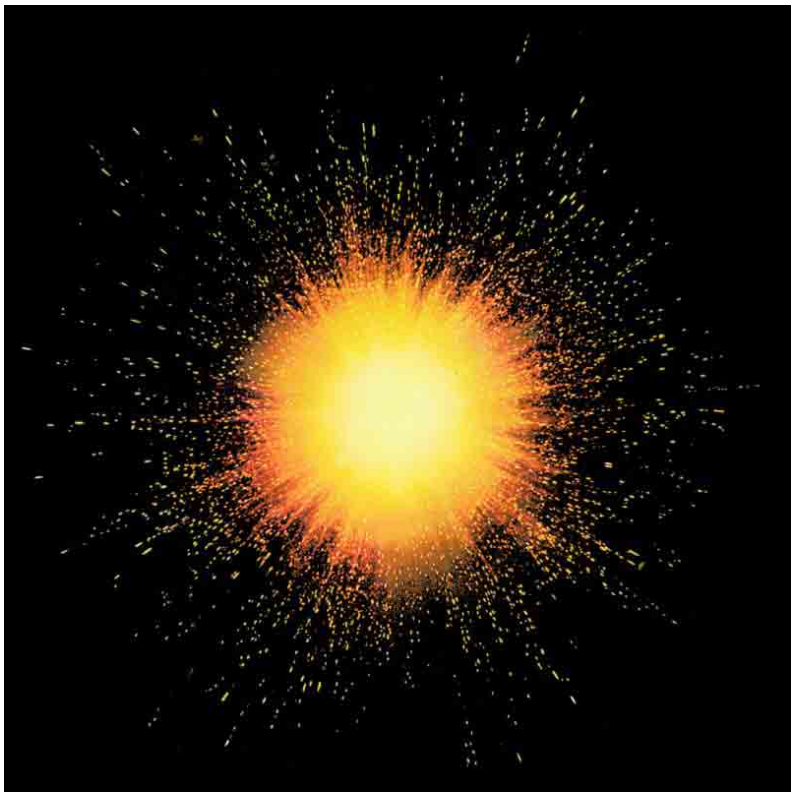
Big Bang Theory



Part I

Show us you love the Big Bang Theory as much as we do!

1. Give the complete lyrics to the Big Bang Theory theme song.
2. The opening credits contain a sequence of (by our count) 93 images. Name at least 5.
3. If you're short of cash, where can you always find a couple of 50s stashed in Leonard and Sheldon's apartment?
4. What does Howard want his astronaut nickname to be? What does it actually turn out to be?
5. What does Penny think her tattoo says in Chinese, and what does it actually say?
6. What are the coordinates of Sheldon's couch cushion?
7. When Sheldon is staying over at Howard's house, how does he try to fall asleep?
8. Give at least one of the wi-fi passwords used by Sheldon and Leonard.
9. Which classic Star Trek character's costume does Raj have in his closet?
10. What is Sheldon's favorite number, and why?
11. Howard modifies the Drake equation: $N = R_* \times f_P \times n_e \times f_\ell \times f_i \times f_c \times L$, which is used to estimate the number of extraterrestrial civilizations in the Milky Way, to approximate the number of women he could pick up in the Los Angeles area. Give as many terms as you can in the modified equation, especially the "Wallowitz coefficient."
12. From what children's book does Sheldon distill his algorithm for making friends?
13. At the end of that same episode, the producer's vanity card contains the graph of a mathematical function. What function, and how did it come up in the episode?
14. What piece of advice does Leonard's neuroscientist mother offer him for getting together with Penny?
15. How does Sheldon know he's not crazy?
16. When temporarily exiled from the apartment, what song does Sheldon sing while accompanying himself on the Theramin?

17. Give the rules for rock-paper-scissors-lizard-Spock.

18. When training in the Cheesecake Factory's freezer, what three tasks does Sheldon set for his friends to prepare them for working in the arctic?

19. Give the FULL LYRICS of the song Penny always sings to Sheldon when he is sick. (Sing it twice if you need to!)

20. What does Sheldon call his grandmother, and what does she call him?

21. What are the last names of all 7 regular characters?

22. What is the name of the low-budget horror film in which Penny did a topless shower scene where she is attacked by a gorilla?

23. When Howard and Amy are forced to work together, what do they discover that they have in common?

24. What is Howard's Mother's superpower?

25. What is the name of Sheldon's You Tube show?

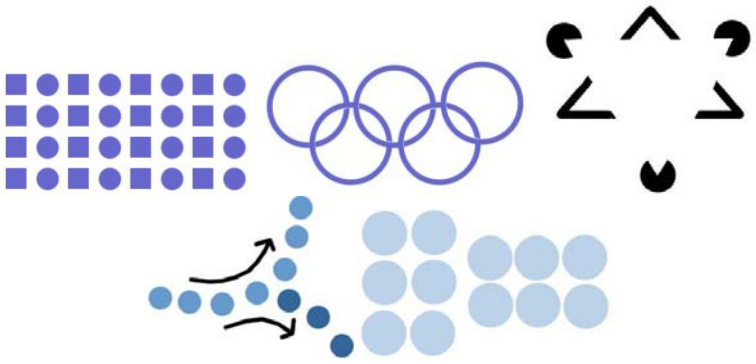
Part II

Now that we've covered the Big Bang Theory, let's move on to some other interesting theories…

26. By what name do physicists call the grand unifying theory, which has not yet been discovered, but which they hope will one day explain all physical aspects of the universe?

27. State the four principles of the theory of supply & demand. Hint: they all involve the words "supply", "demand", and "equilibrium price".

28. These images represent what set of principles?



29. The mother, father, child, devil, god, wise old man, wise old woman, trickster, and hero are examples from what theory?

30. Ancient Greek physicians believed that excess or deficiency of any of four bodily fluids or “humours” caused disease, and health indicated that these four fluids were in balance. Name the four humours.

31. If one state in a region comes under the influence of communism, then the surrounding countries will follow. Particularly influential in US foreign policy in the 1950s and 60s, this belief was popularly known as what?

32. Name the theory which holds that major, paradigm-changing advances in history, culture, science, technology, and so on are often initiated by events that are large in both magnitude and impact, and come as a surprise (though with the sense in hindsight that we should have seen it coming).

33. What’s the popular name for the theory that holds that JFK was shot by a single bullet?

34. Name the theory that holds that minor examples of urban blight (such as litter and vandalism) invite more incidences of the same, and eventually more serious crimes because of the perception that no one cares or is paying attention; and that preventing or quickly cleaning up such problems is an effective strategy for discouraging crime in a neighborhood.

35. Name the theory that holds that you and every other person in the world are connected by six or fewer steps (where step 1 is everyone you know, step 2 is everyone they know, and so on) to everyone else in the world.

36. Name the theory that holds that all brontosauruses are thin at one end, much, much thicker in the middle, and then thin again at the far end.

37. Name the theory that holds that economic benefits (such as tax breaks) provided by government to businesses and wealthy individuals will benefit poorer members of society by improving the economy as a whole.

38. What 1960s book popularized the theory that mysterious ancient technologies and artifacts (such as Stonehenge and the great pyramids) and religions came to the ancient civilizations via beings who were considered gods, but were actually alien visitors?

39. The clothing worn by four men crossing the street, a raised hand behind someone’s head, an Ontario Police Dept insignia, a man floating in water with blood/brains around his head, bare feet, a cigarette in the right hand of a left-handed man – these images are all considered to be clues to what conspiracy theory?