

101 TEST CASES FOR A PEN

Did someone ever asked you to test a pen or a pencil? Or, did you ever had the curiosity to see how many test cases can you find for a pen(cil)?

1. What kind of pen is it?
2. Does it work with ink or with liquid gel?
3. If it uses ink, is it a fountain pen or a dip pen? (see Wikipedia)
4. Is it a ballpoint pen?
5. Is it a marker? If yes, is it a whiteboard marker or a permanent one?
6. If it is a whiteboard marker, does it write on whiteboards?
7. But can you use the same whiteboard marker to write on other surfaces?
8. If it is a permanent marker, is it really permanent?
9. If it is a marker used to highlight text, can you do that? Can you still see the text after highlighting it?
10. Is it a rollerball pen?
11. What kind of ink can you use with it? Does it have to be a special ink? (or color)
12. How often do you have to refill it?
13. With what color does it write?
14. Does it come in other colors? Is it a multi color pen? Could it be?
15. What about the outside color?
16. Does it come in other colors?
17. Do the colors have any meaning or purpose other than esthetic?
18. Does it write?
19. How thin or thick does it write? and can I adjust this?
20. Can I use it for drawing?
21. Can I write with it on paper? normal paper?
22. Can it write on oilpaper?
23. Can I change the color it writes with?
24. Do we have any specifications?
25. What are its dimensions? Are they according to its specs?
26. Is its ink / liquid reservoir replaceable? If yes, how?
27. How many pages can I write with a new ink / liquid gel reservoir?
28. Can I write with it on the ceiling? (upside down)
29. Can I write with it horizontally?
30. Does it have a cap?
31. How can you take cap off? Does it have a small bumper or is it screwed?
32. How can you break the cap mechanism? Or how long will it hold?
33. Can the cap get stuck somehow? If you keep the pen in humid atmosphere for a long period of time
34. After you remove the cap can you attach it to the other end? reducing the chances of losing it?
35. If it doesn't have a cap, does it have a mechanism to open / close?
36. How does the mechanism work? Can something break?
37. Is there any way through which the pen can open by itself in your pocket?
38. Does it write under water?
39. Does it write on cold winter night?

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40. Does it write on hot summer day?
41. Can you use it to hold your hair? (I've seen this at a friend of mine once)
42. Can you hang it by your pocket?
43. How many parts does it have? Can something go wrong with one of them?
44. Does it do everything that is written on it?
45. How easy is it to use?
46. Does your hand hurts after using it for a long period of time?
47. Can you still write with it if you are left-handed?
48. How hard do you have to press it against the paper in order to write?
49. What is the smallest angle under which you have to hold it in order to be able to write with it?
50. What kind of liquid gel replacements does it accept?
51. What happens if you change its existent liquid gel reservoir with a smaller one? What about a larger one?
52. If any part of it will break can it be changed? How easy?
53. Can I write with it on walls?
54. Can I write with it on the school's desk?
55. Can I write with it on my palm?
56. Does it scratch the paper when I write with it?
57. If I shake it enough will something break?
58. If I drop it will it break? How resistant is it?
59. If it uses ink and I will make sudden moves with it, will there be any ink spots on the paper (table)?
60. Can I use it as a book sign?
61. What kind of pen is it? Is it from metal or plastic?
62. If it is a metal one how hard is it to break it?
63. If it is a metal one and it doesn't have a rubber head will I be able to hold it with my hands wet?
64. Can I kill someone with it?
65. Is it safe to chew parts of it?
66. Can I write with it in space?
67. How fast can I write with it?
68. How small can I write with it?
69. How young do you have to be in order to be able to use it?
70. What about the older people, can they use it?
71. Can children swallow any parts of it?
72. If it is a charcoal pencil does it have a rubber?
73. Does the rubber work? is it replaceable?
74. Can the charcoal break inside it?
75. Can you sharpen that pencil? If yes, how easy it is?
76. Can you use to write with your foot? (I've seen this on television)
77. Are its writing characteristics consistent across a long period of time of usage?
78. If it uses ink and you leave it open, how long will it take to dry out?
79. Will the ink / gel start to leak if you leave the pen in the sun for to long?
80. Can the ink / gel ever dry out? If yes, how long does it takes?
81. Can it be used to make jokes with it? Like shoot with small paper balls
82. Can it be used to safe someone's life? by using its tube to help someone to breath normally

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83. Can it be used to immobilize a broken finger? Like a splint
84. How thin is it?
85. And what about its thickness?
86. Is it too short?
87. Or too long?
88. Maybe it is too heavy?
89. Or too light?
90. What about its shape, is it a cylindrical one?
91. Do you have to hold in a special way in order to write? If it is a fountain pen then it may not work in every position
92. Does it bend (or melt) when writing with it? Is it too flexible?
93. Does it look expensive? Is it the kind of pen that a president will have?
94. Is it from a series of limited edition of pens / pencils?
95. Are there any pending patents?
96. Are there any international or local regulations that it needs to follow?
97. In what kind of environment can it be used? Medical, School, Civil Construction, War zone
98. How does it perform versus similar products?
99. Does it have a history? Are there any previous versions of this pen(cil)?
100. Is it an universal pen(cil) that everyone can use? Do you need to have any specialization(s)?
101. If it is an ink pen, can you tell how much ink does it have at a given moment?