

Are these things that an engineer would do for his or her job?
(YES or NO):

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48	16. Improve camera lenses	<input type="radio"/> Yes	<input type="radio"/> No
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46	17. Invent waterproof materials	<input type="radio"/> Yes	<input type="radio"/> No
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44	18. Design tools for surgery	<input type="radio"/> Yes	<input type="radio"/> No
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42	19. Improve a truck by putting new wheels on it	<input type="radio"/> Yes	<input type="radio"/> No
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40	20. Build chimneys out of bricks	<input type="radio"/> Yes	<input type="radio"/> No
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38	21. Design ways to clean polluted air	<input type="radio"/> Yes	<input type="radio"/> No
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36	22. Drive garbage trucks	<input type="radio"/> Yes	<input type="radio"/> No
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34	23. Figure out ways to explore the ocean	<input type="radio"/> Yes	<input type="radio"/> No
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32	24. Run machines for doctors and scientists	<input type="radio"/> Yes	<input type="radio"/> No
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30	25. Install wiring	<input type="radio"/> Yes	<input type="radio"/> No
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28	26. Fix computers	<input type="radio"/> Yes	<input type="radio"/> No
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26	27. Think about ways to clean the air	<input type="radio"/> Yes	<input type="radio"/> No
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24	28. Figure out what materials to use to make bridges	<input type="radio"/> Yes	<input type="radio"/> No
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22	29. Put shelves together in a store	<input type="radio"/> Yes	<input type="radio"/> No
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20	30. Design smaller kinds of computers	<input type="radio"/> Yes	<input type="radio"/> No
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18	31. Drive racecars on a racetrack	<input type="radio"/> Yes	<input type="radio"/> No
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16	32. Pour cement for new roads	<input type="radio"/> Yes	<input type="radio"/> No
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14	33. Measure how much weight materials can hold before they break	<input type="radio"/> Yes	<input type="radio"/> No
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11	34. Figure out how tall you can safely build towers	<input type="radio"/> Yes	<input type="radio"/> No
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9	35. Cut glass to make windows in buildings	<input type="radio"/> Yes	<input type="radio"/> No
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7	36. Pack furniture into boxes in a factory	<input type="radio"/> Yes	<input type="radio"/> No
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5	37. Repair cars	<input type="radio"/> Yes	<input type="radio"/> No
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How important are each of the following activities to the work of an engineer?

	Not Important		Sort of Important		Very Important
38. Using math	0	1	2	3	4
39. Driving machines	0	1	2	3	4
40. Using models	0	1	2	3	4
41. Testing ideas	0	1	2	3	4
42. Building houses	0	1	2	3	4
43. Working as a team	0	1	2	3	4
44. Doing experiments	0	1	2	3	4
45. Solving problems	0	1	2	3	4
46. Sketching ideas	0	1	2	3	4
47. Repairing engines	0	1	2	3	4
48. Using their creativity	0	1	2	3	4
49. Understanding science	0	1	2	3	4
50. Reading about inventions	0	1	2	3	4
51. Using power tools to fix things	0	1	2	3	4
52. Using power tools to build things	0	1	2	3	4
53. Writing down their ideas	0	1	2	3	4
54. Fixing broken things for other people	0	1	2	3	4
55. Writing reports for other engineers	0	1	2	3	4
56. Brainstorming different ideas	0	1	2	3	4
57. Driving people from place to place	0	1	2	3	4
58. Telling other people what they find out	0	1	2	3	4

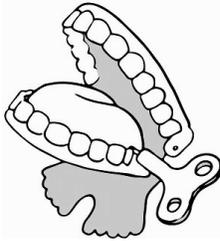
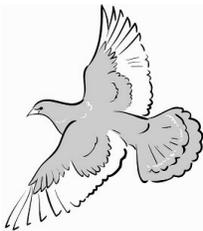
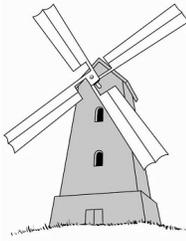
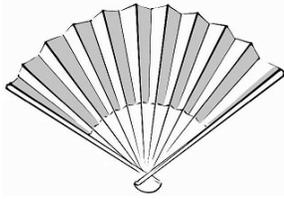
PLEASE DO NOT WRITE IN THIS AREA

[SERIAL]

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**Which of these are examples of technology?
Choose all of the items that you think are technology.**

 <p>Wind-up Toy <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	 <p>Running Shoes <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	 <p>Sandals <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	 <p>Broom <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
 <p>MP3 Player <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	 <p>Volcano <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	 <p>Piano <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	 <p>Laptop <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
 <p>Bird <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	 <p>Windmill <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	 <p>Keyboard <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	 <p>Bonnet <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
 <p>Bicycle <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	 <p>Hand-held Fan <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	 <p>Roller Blades <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	 <p>Basket <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
 <p>Oak Tree <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	 <p>Dandelion <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	 <p>Game Controller <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	 <p>Cell Phone <input type="checkbox"/> Yes <input type="checkbox"/> No</p>